

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042869.D
 Acq On : 06 Aug 2024 14:22
 Operator : JC/MD
 Sample : P3390-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 07 06:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.897	128	39555	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	246806	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	221915	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	108633	29.742	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.133%		
60) 4-Bromofluorobenzene	11.079	95	99417	27.460	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.533%		
63) Toluene-d8	8.647	98	304050	30.332	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5884	2.530	ug/l	84
3) Chloromethane	1.300	50	7041	3.298	ug/l	96
4) Vinyl Chloride	1.374	62	6900	3.027	ug/l	95
5) Bromomethane	1.599	94	5132	3.694	ug/l	97
6) Chloroethane	1.666	64	3577	2.639	ug/l	93
7) Trichlorofluoromethane	1.874	101	10395	2.860	ug/l	98
8) Diethyl Ether	2.136	74	3700	2.590	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	6634	2.677	ug/l	95
10) 1,1-Dichloroethene	2.312	96	6092	2.574	ug/l	93
11) Methyl Iodide	2.441	142	5481	2.516	ug/l	87
12) Methyl Acetate	2.709	43	9415	1.820	ug/l	94
13) Acrolein	2.239	56	3785	25.298	ug/l	89
14) Acrylonitrile	3.075	53	18968	12.059	ug/l	98
15) Acetone	2.392	58	5666	11.111	ug/l	84
16) Carbon Disulfide	2.501	76	14956	3.036	ug/l	98
17) Allyl chloride	2.660	41	10118	2.642	ug/l	88
18) Methylene Chloride	2.788	84	9730	3.544	ug/l #	88
19) trans-1,2-Dichloroethene	3.093	96	6528	2.708	ug/l	88
20) Diisopropyl ether	3.763	45	21016	2.512	ug/l #	79
21) 1,1-Dichloroethane	3.611	63	12256	2.576	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	8947	2.958	ug/l	86
23) tert-Butyl Alcohol	2.989	59	9575m	13.204	ug/l	
24) Methyl tert-Butyl Ether	3.123	73	21313	2.488	ug/l	99
25) Chloroform	5.099	83	13685	2.658	ug/l	92
26) Cyclohexane	5.464	56	10769m	2.869	ug/l	
29) 1,1-Dichloropropene	5.690	75	8275	2.602	ug/l	61
30) 2-Butanone	4.580	43	26970	11.515	ug/l #	89
31) 2,2-Dichloropropane	4.471	77	8586m	2.310	ug/l	
32) 1,1,1-Trichloroethane	5.379	97	11233	2.551	ug/l	100
33) Carbon Tetrachloride	5.678	117	9407	2.497	ug/l	96
34) Benzene	6.037	78	26887	2.640	ug/l	97
35) Methacrylonitrile	4.934	41	4980m	2.250	ug/l	
36) 1,2-Dichloroethane	6.086	62	10586m	2.817	ug/l	
37) Trichloroethene	7.135	130	7413	2.876	ug/l	83
38) Methylcyclohexane	7.373	83	10462	2.654	ug/l	99
39) 1,2-Dichloropropane	7.427	63	6853	2.640	ug/l #	80
40) Dibromomethane	7.586	93	5005	2.554	ug/l	99
41) Bromodichloromethane	7.824	83	9191	2.365	ug/l	99
42) Vinyl Acetate	3.727	43	89422	13.054	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042869.D
 Acq On : 06 Aug 2024 14:22
 Operator : JC/MD
 Sample : P3390-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

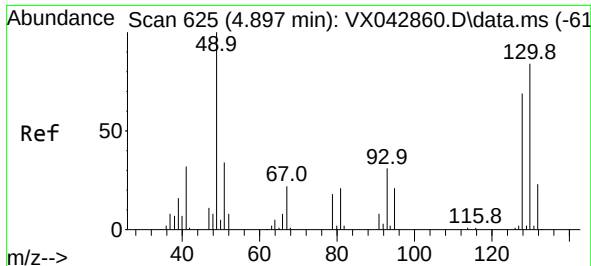
Quant Time: Aug 07 06:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

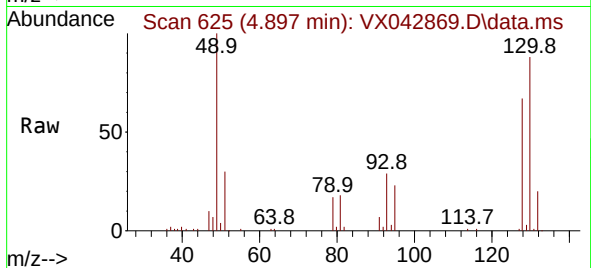
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	10165m	2.587	ug/l	
44) Isopropyl Acetate	6.354	43	14629	2.313	ug/l	98
45) 1,4-Dioxane	7.677	88	3928m	59.334	ug/l	
46) Methyl methacrylate	7.702	41	6290	2.002	ug/l	92
47) n-amyl Acetate	10.841	43	11255	2.081	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	7429	1.994	ug/l #	87
49) cis-1,3-Dichloropropene	8.372	75	8900	2.206	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	6708	2.509	ug/l	96
51) Ethyl methacrylate	9.122	69	9156	2.093	ug/l	92
52) 1,3-Dichloropropane	9.311	76	11267	2.568	ug/l	100
53) Dibromochloromethane	9.525	129	6821	2.193	ug/l	100
54) 1,2-Dibromoethane	9.610	107	6899	2.482	ug/l	93
55) 2-Chloroethyl vinyl ether	8.244	63	22478	11.128	ug/l	97
56) Bromoform	10.805	173	4803	2.154	ug/l	94
58) 4-Methyl-2-Pentanone	8.580	43	53567	12.818	ug/l	99
59) 2-Hexanone	9.433	43	36756	11.128	ug/l	97
61) Tetrachloroethene	9.275	164	6279	2.850	ug/l	96
62) Toluene	8.720	91	29720	2.734	ug/l	96
64) Chlorobenzene	10.079	112	18903	2.717	ug/l	91
65) 1,1,1,2-Tetrachloroethane	10.165	131	6266	2.481	ug/l	96
66) Ethyl Benzene	10.195	91	29495	2.442	ug/l	93
67) m/p-Xylenes	10.305	106	22328	4.888	ug/l	99
68) o-Xylene	10.640	106	11094	2.464	ug/l	93
69) Styrene	10.659	104	16568	2.137	ug/l	97
70) Isopropylbenzene	10.963	105	27834	2.349	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	10775	2.521	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	8735m	2.502	ug/l	
73) Bromobenzene	11.201	156	7658	2.543	ug/l	98
74) n-propylbenzene	11.305	91	31813	2.295	ug/l	99
75) 2-Chlorotoluene	11.366	91	21834	2.581	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	22468	2.237	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	2366	1.906	ug/l	97
78) 4-Chlorotoluene	11.457	91	23910	2.464	ug/l	95
79) tert-butylbenzene	11.713	119	24228	2.351	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	21757	2.196	ug/l	96
81) sec-Butylbenzene	11.890	105	27242	2.157	ug/l	100
82) p-Isopropyltoluene	12.012	119	22404	2.118	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	13726	2.477	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	13550	2.432	ug/l	98
85) n-Butylbenzene	12.335	91	17742	1.861	ug/l	99
86) Hexachloroethane	12.536	117	4208	2.204	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	13976	2.531	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2232	2.312	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	7127	1.984	ug/l	91
90) Hexachlorobutadiene	13.725	225	3589	2.312	ug/l	97
91) Naphthalene	13.774	128	25447	2.105	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	7725	2.130	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

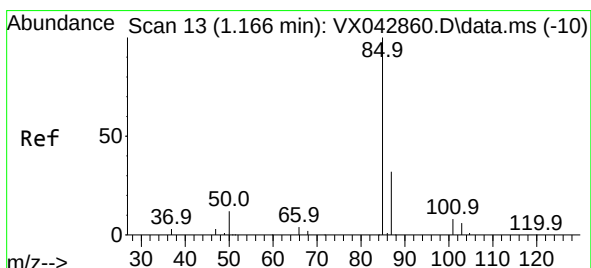
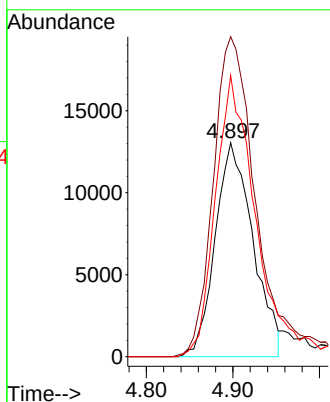
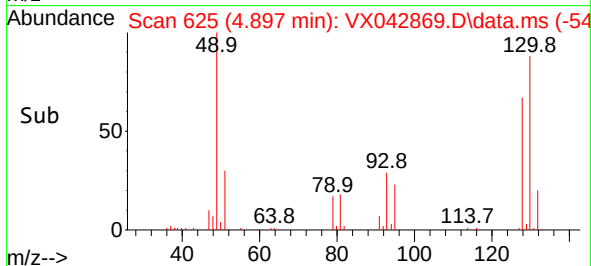
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:128 Resp: 3955
Ion Ratio Lower Upper
128 100
49 170.3 0.0 400.5
130 137.1 0.0 333.0

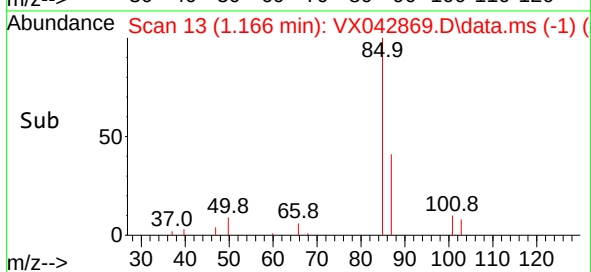
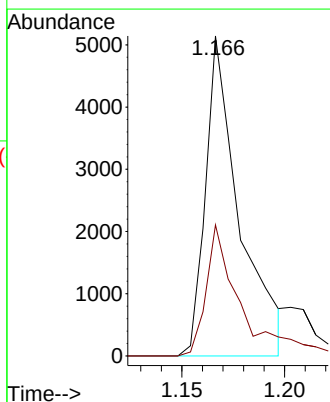
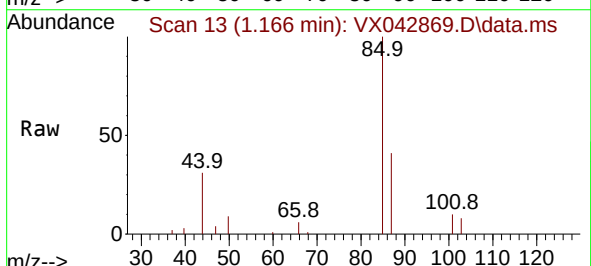
Manual Integrations
APPROVED

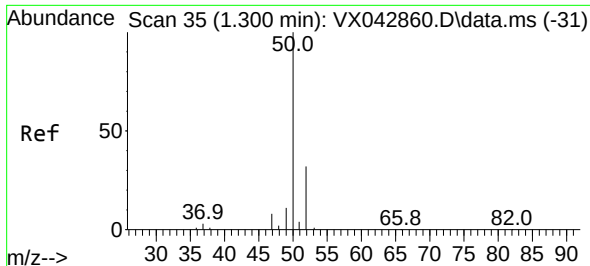
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#2
Dichlorodifluoromethane
Concen: 2.530 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

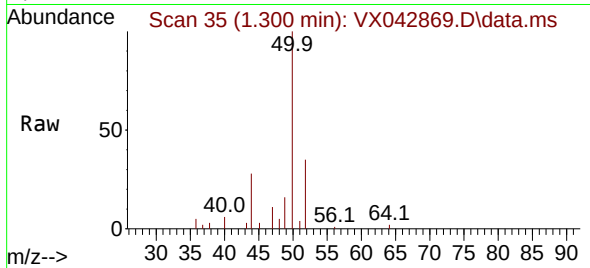
Tgt Ion: 85 Resp: 5884
Ion Ratio Lower Upper
85 100
87 41.0 16.0 48.0





#3
Chloromethane
Concen: 3.298 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

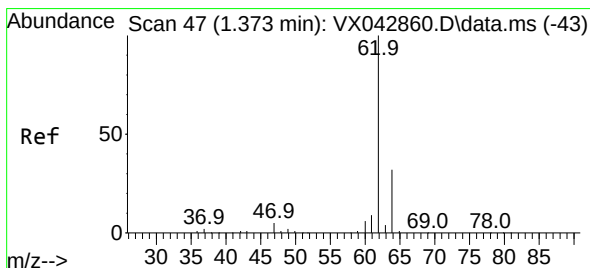
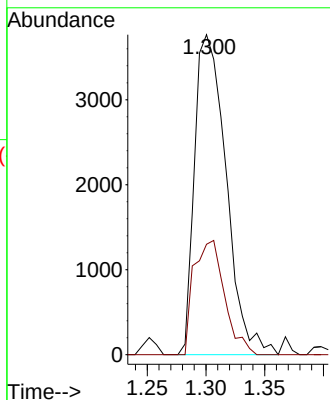
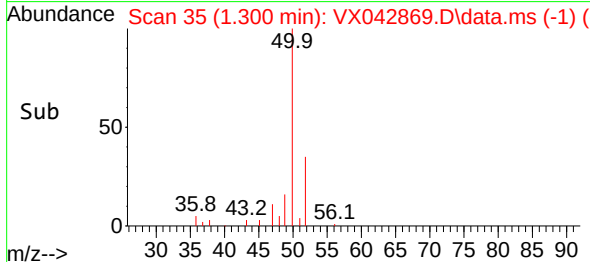
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 34.5 26.0 39.0

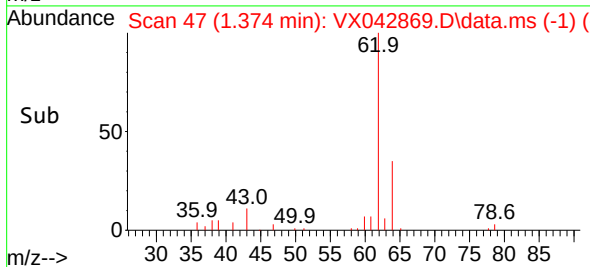
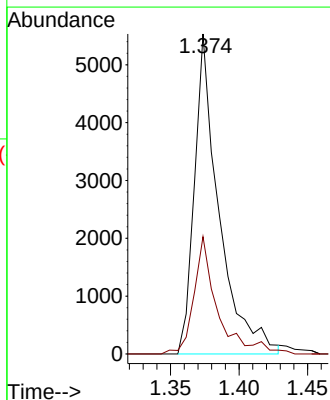
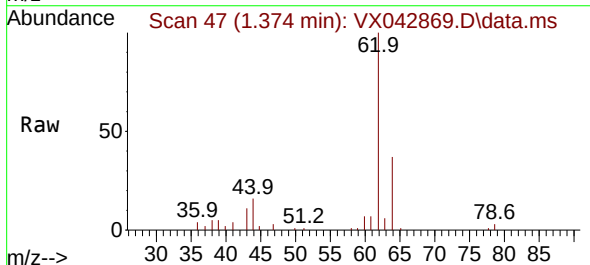
Manual Integrations
APPROVED

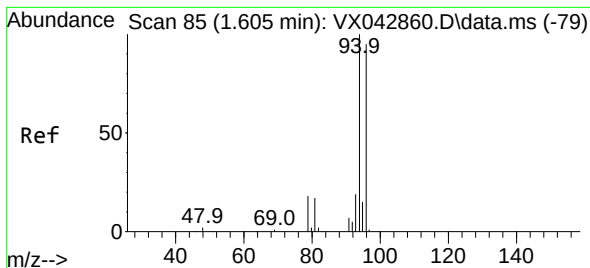
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#4
Vinyl Chloride
Concen: 3.027 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 62 Resp: 6900
Ion Ratio Lower Upper
62 100
64 35.5 26.3 39.5





#5

Bromomethane

Concen: 3.694 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 94 Resp: 513

Ion Ratio Lower Upper

94 100

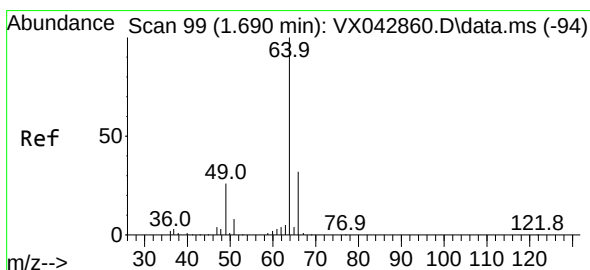
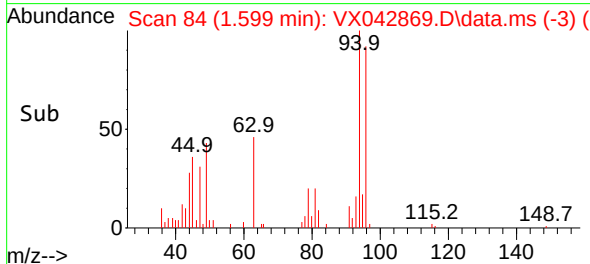
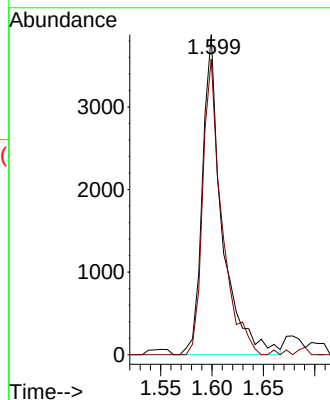
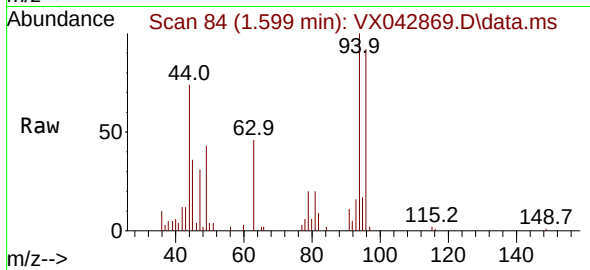
96 92.4 76.2 114.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#6

Chloroethane

Concen: 2.639 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.024 min

Lab File: VX042869.D

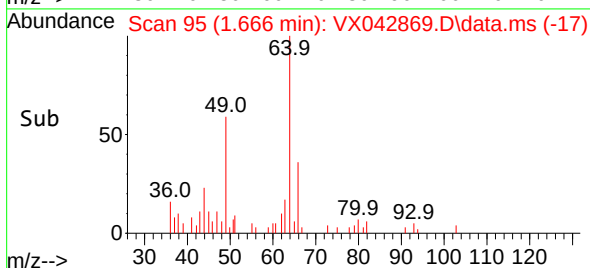
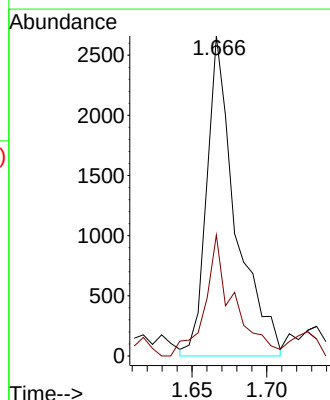
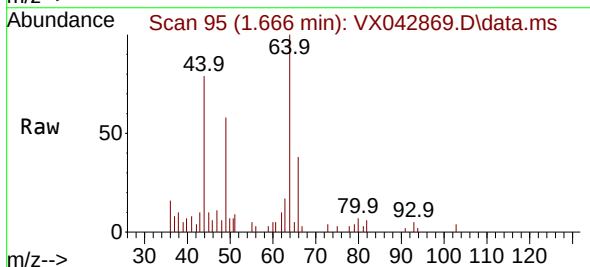
Acq: 06 Aug 2024 14:22

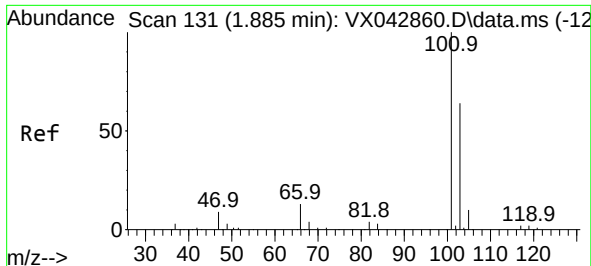
Tgt Ion: 64 Resp: 3577

Ion Ratio Lower Upper

64 100

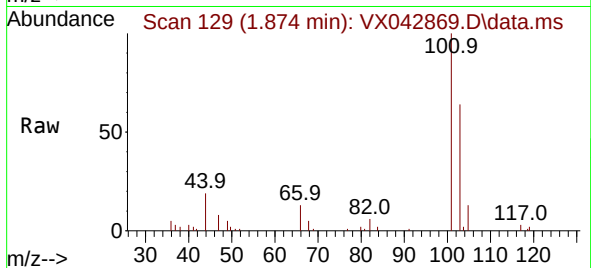
66 36.5 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 2.860 ug/l
 RT: 1.874 min Scan# 101
 Delta R.T. -0.012 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22

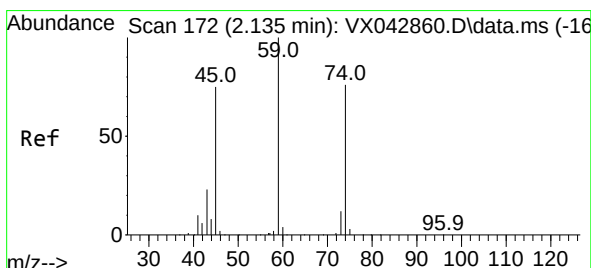
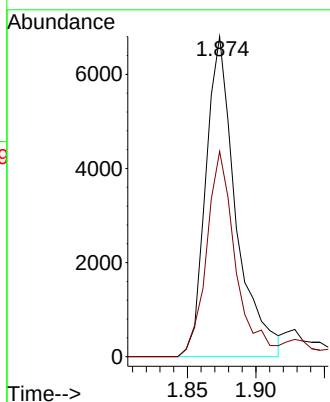
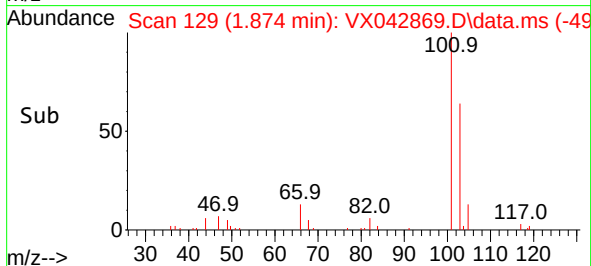
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:101 Resp: 1039
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3

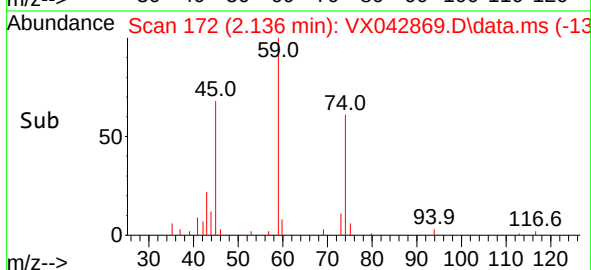
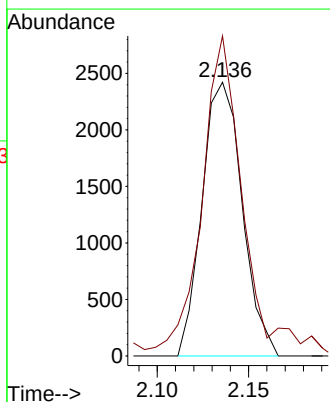
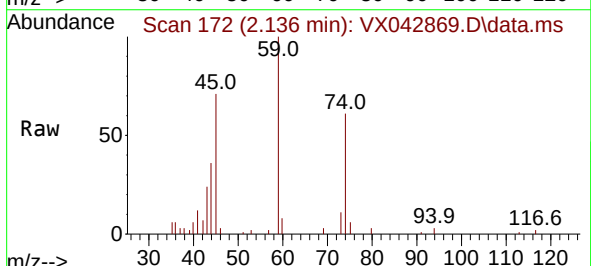
Manual Integrations
 APPROVED

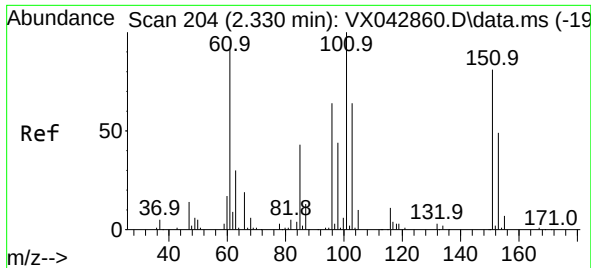
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#8
 Diethyl Ether
 Concen: 2.590 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22

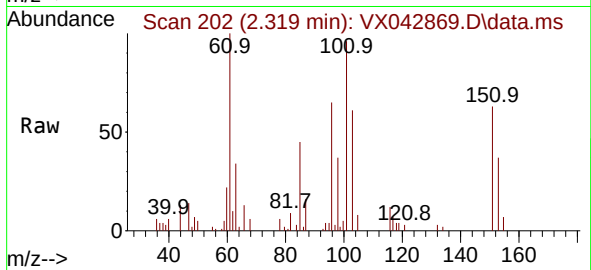
Tgt Ion: 74 Resp: 3700
 Ion Ratio Lower Upper
 74 100
 45 112.5 20.3 182.3





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.677 ug/l
 RT: 2.319 min Scan# 204
 Delta R.T. -0.012 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22

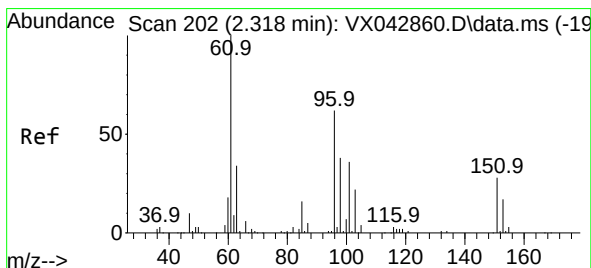
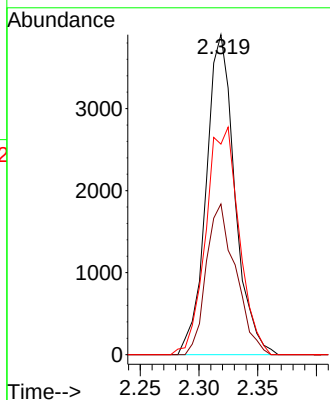
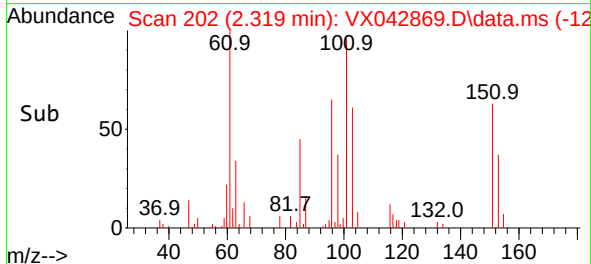
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT3-2024



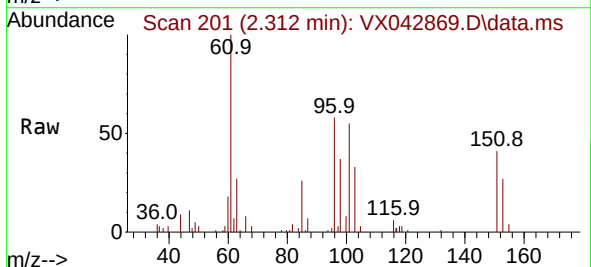
Tgt Ion: 101 Resp: 6634
 Ion Ratio Lower Upper
 101 100
 85 48.2 0.0 88.6
 151 82.2 0.0 157.6

Manual Integrations
 APPROVED

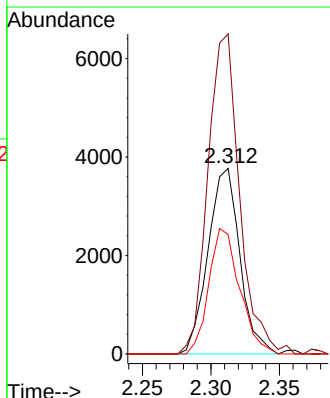
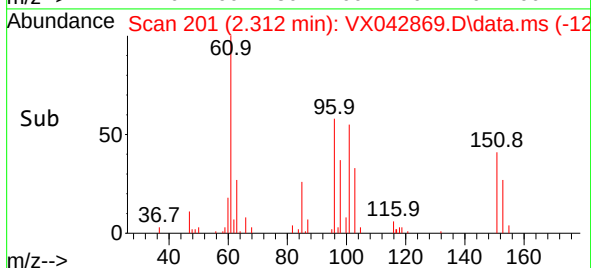
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

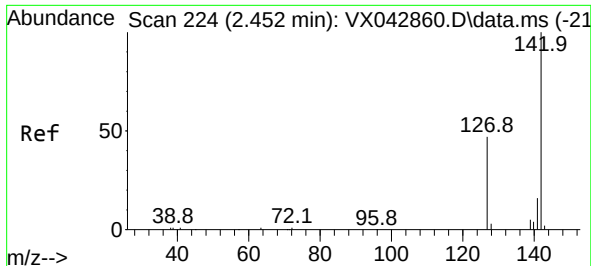


#10
 1,1-Dichloroethene
 Concen: 2.574 ug/l
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22



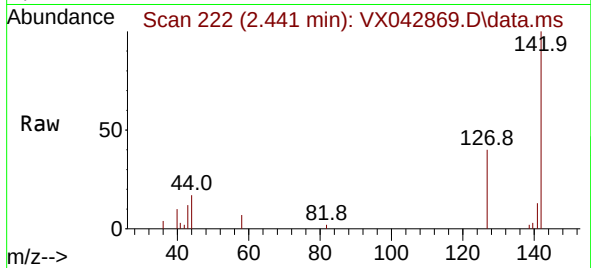
Tgt Ion: 96 Resp: 6092
 Ion Ratio Lower Upper
 96 100
 61 172.3 129.2 193.8
 98 64.3 48.6 72.8





#11
Methyl Iodide
Concen: 2.516 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

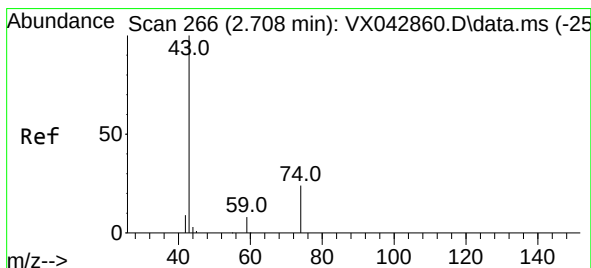
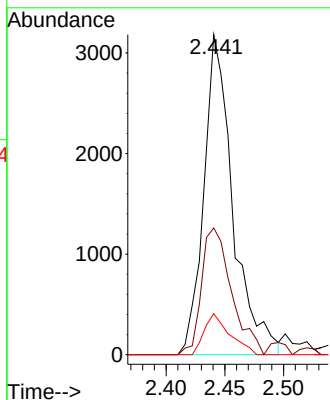
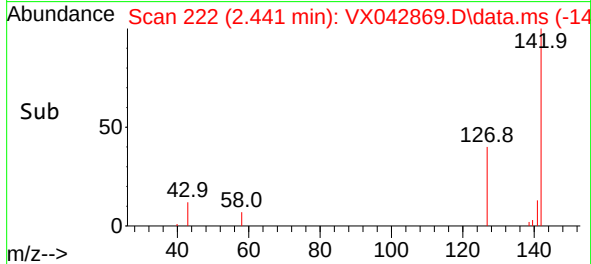
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:142 Resp: 548
Ion Ratio Lower Upper
142 100
127 38.4 23.6 71.0
141 11.1 8.0 23.8

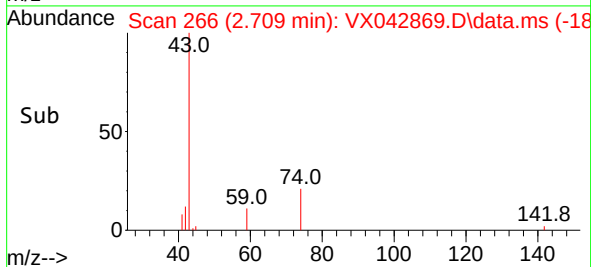
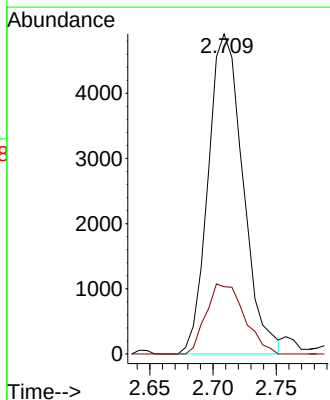
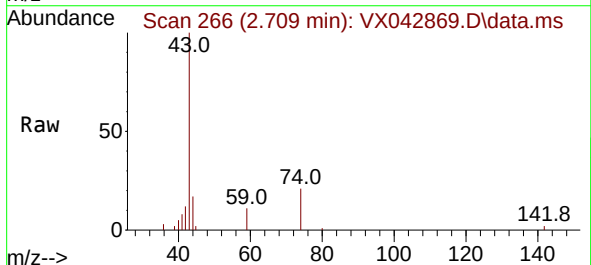
Manual Integrations
APPROVED

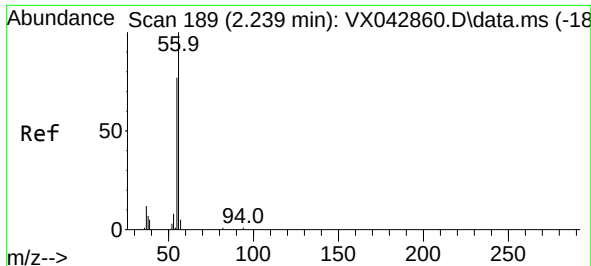
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#12
Methyl Acetate
Concen: 1.820 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

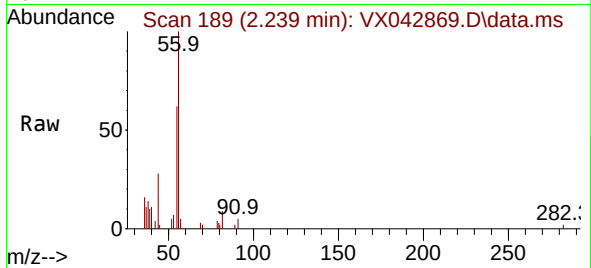
Tgt Ion: 43 Resp: 9415
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2





#13
Acrolein
Concen: 25.298 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

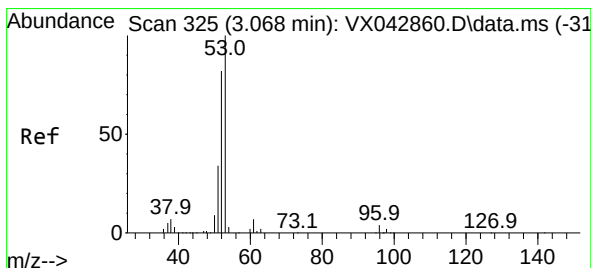
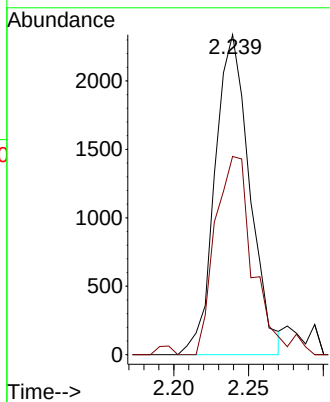
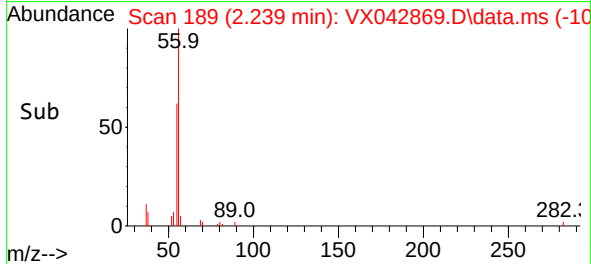
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 56 Resp: 3785
Ion Ratio Lower Upper
56 100
55 66.3 60.6 90.8

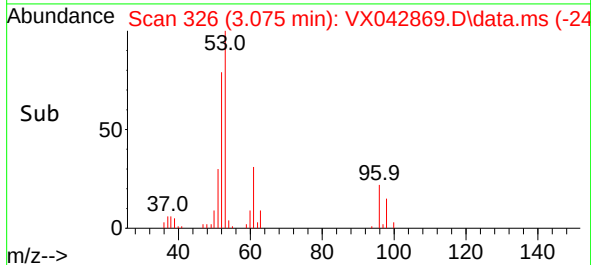
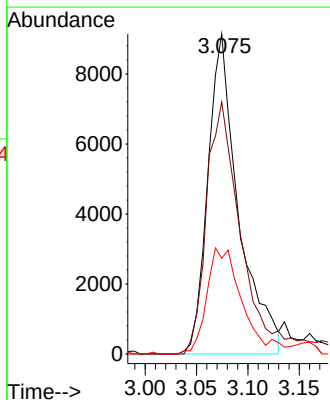
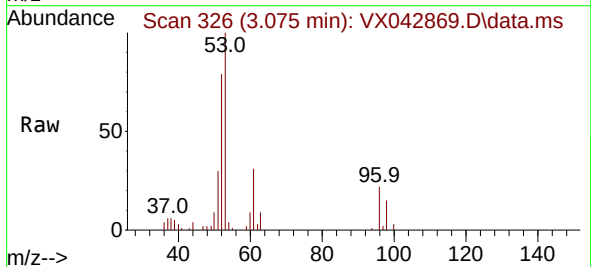
Manual Integrations
APPROVED

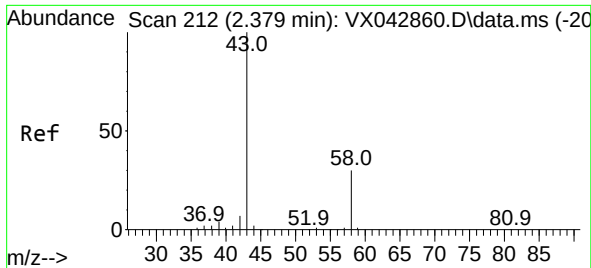
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#14
Acrylonitrile
Concen: 12.059 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 53 Resp: 18968
Ion Ratio Lower Upper
53 100
52 84.1 41.2 123.6
51 36.3 17.9 53.8





#15

Acetone

Concen: 11.111 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.013 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 58 Resp: 566

Ion Ratio Lower Upper

58 100

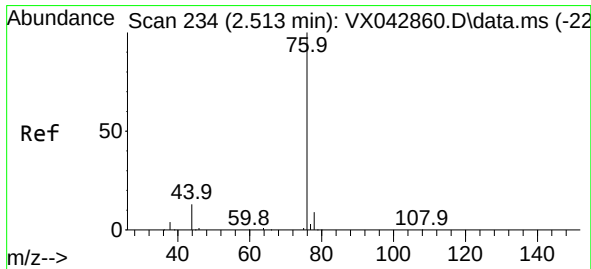
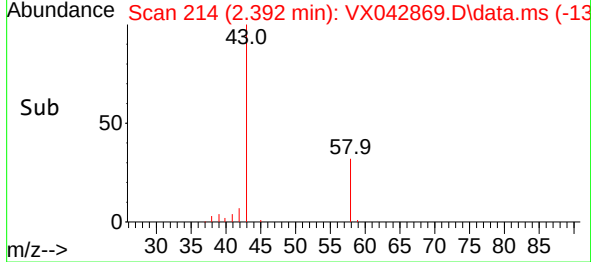
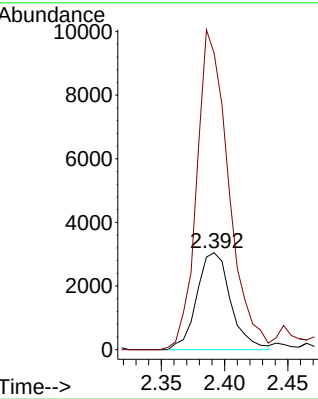
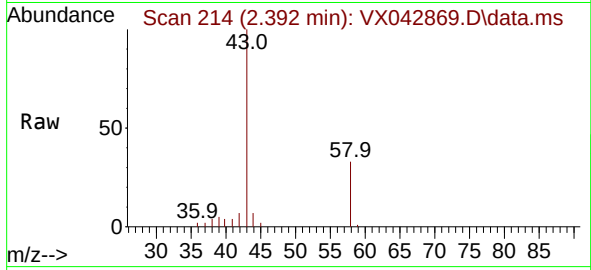
43 303.3 269.9 404.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#16

Carbon Disulfide

Concen: 3.036 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.012 min

Lab File: VX042869.D

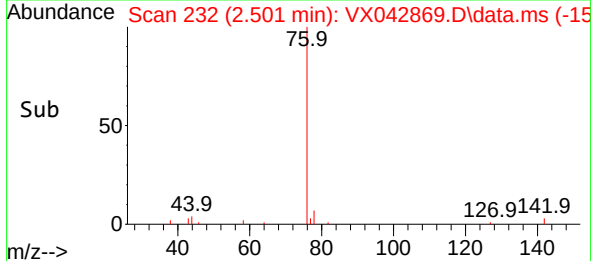
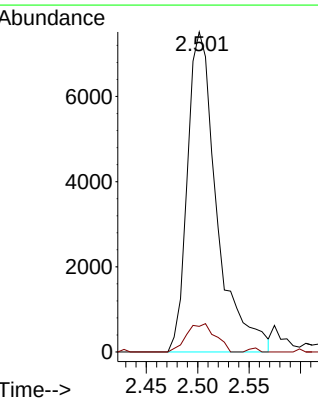
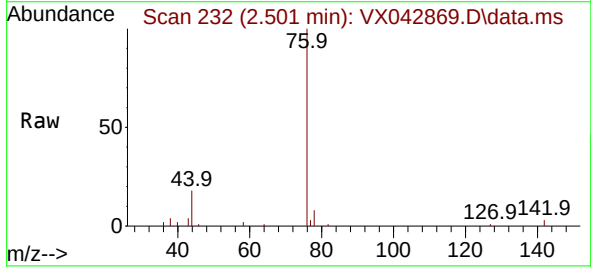
Acq: 06 Aug 2024 14:22

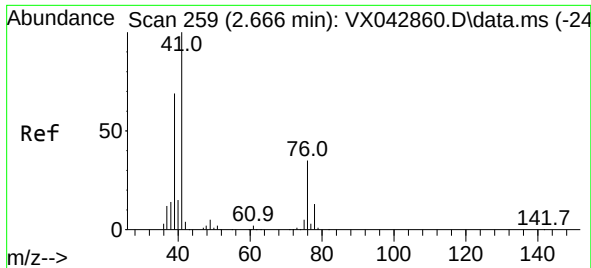
Tgt Ion: 76 Resp: 14956

Ion Ratio Lower Upper

76 100

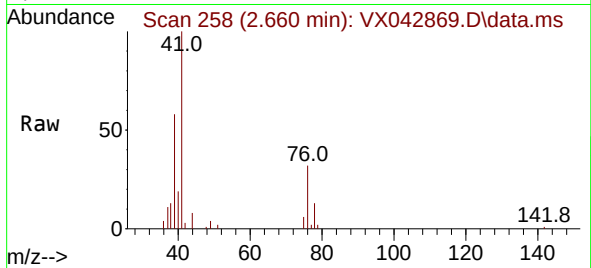
78 8.0 7.1 10.7





#17
 Allyl chloride
 Concen: 2.642 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.006 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22

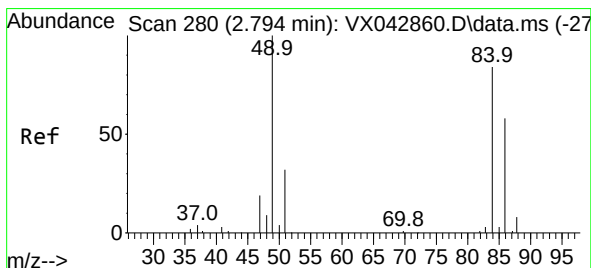
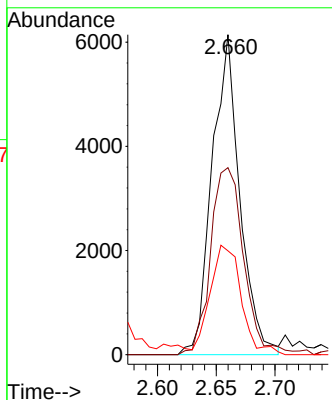
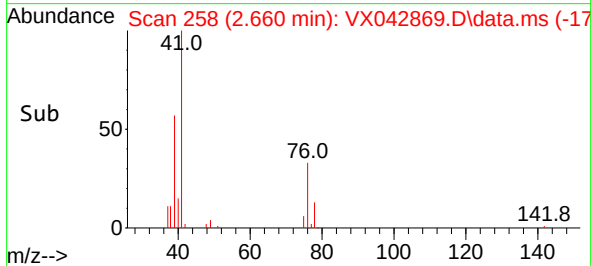
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 41 Resp: 10118
 Ion Ratio Lower Upper
 41 100
 39 58.4 34.6 103.9
 76 31.6 18.4 55.4

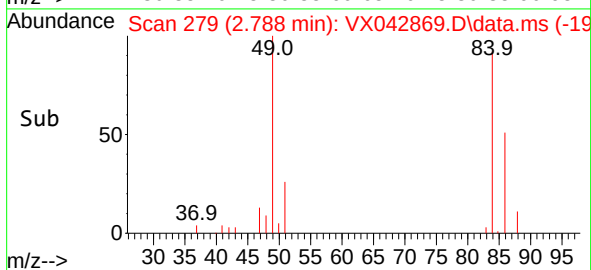
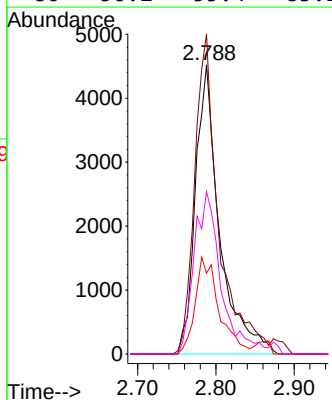
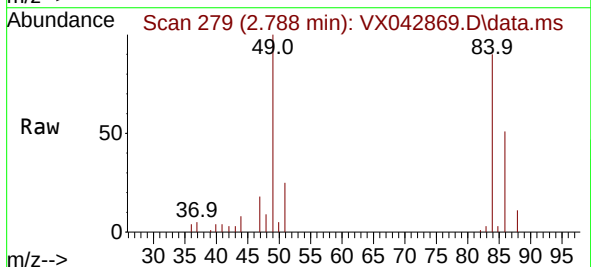
Manual Integrations
 APPROVED

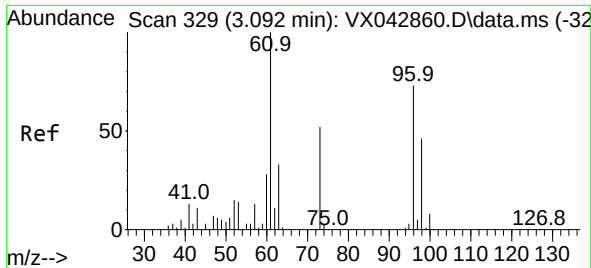
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#18
 Methylene Chloride
 Concen: 3.544 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22

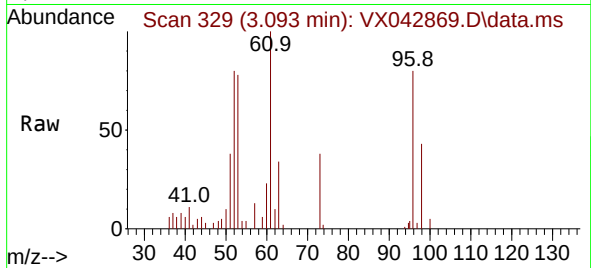
Tgt Ion: 84 Resp: 9730
 Ion Ratio Lower Upper
 84 100
 49 109.6 95.0 142.6
 51 27.9 30.1 45.1#
 86 56.2 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 2.708 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

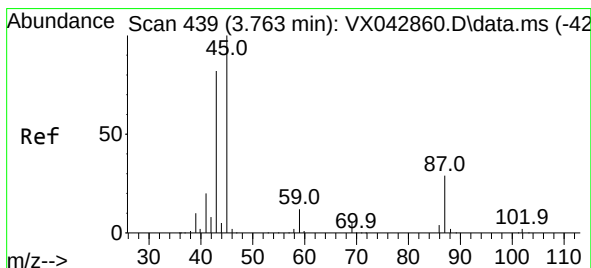
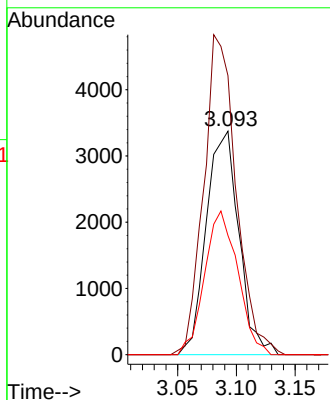
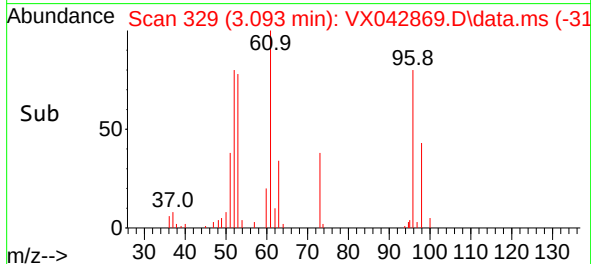
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 96 Resp: 6528
Ion Ratio Lower Upper
96 100
61 123.2 109.6 164.4
98 53.3 50.4 75.6

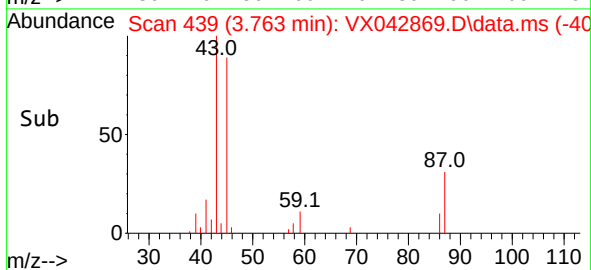
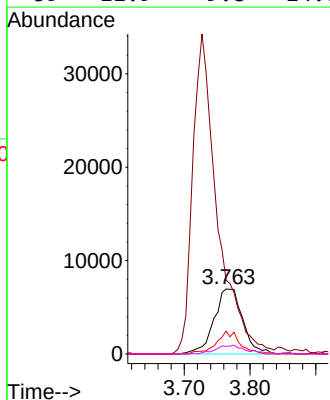
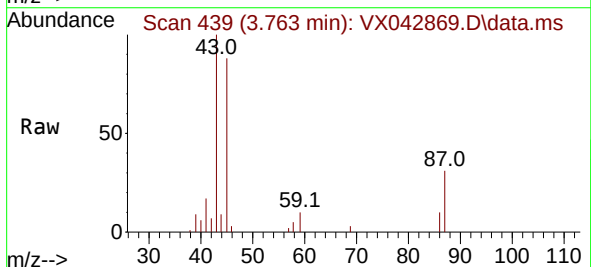
Manual Integrations
APPROVED

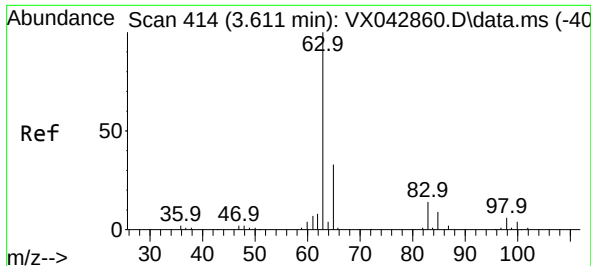
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#20
Diisopropyl ether
Concen: 2.512 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 45 Resp: 21016
Ion Ratio Lower Upper
45 100
43 106.5 65.4 98.2#
87 35.1 23.0 34.6#
59 11.9 9.8 14.6





#21

1,1-Dichloroethane

Concen: 2.576 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

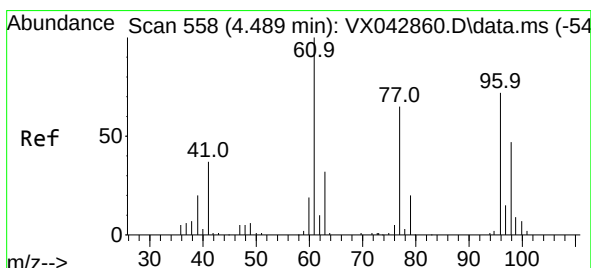
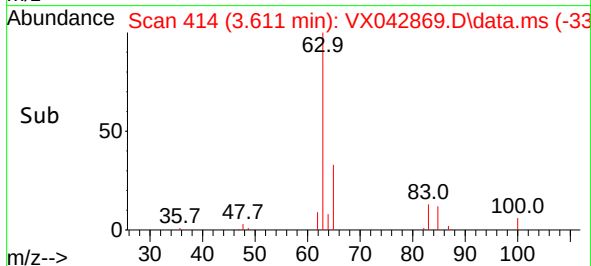
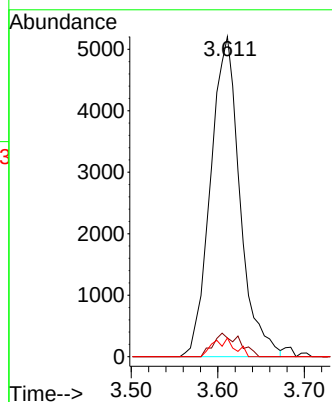
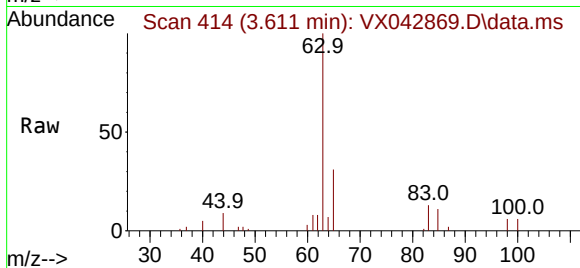
Tgt Ion: 63	Resp: 1225
Ion Ratio	Lower Upper
63 100	
98 5.8	2.9 8.8
100 5.8	2.1 6.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#22

cis-1,2-Dichloroethene

Concen: 2.958 ug/l

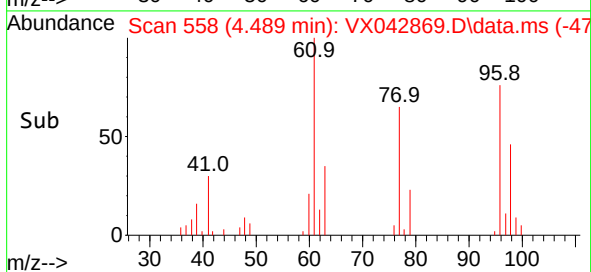
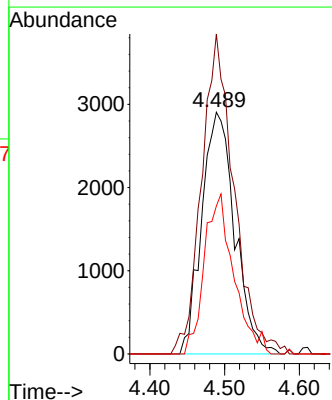
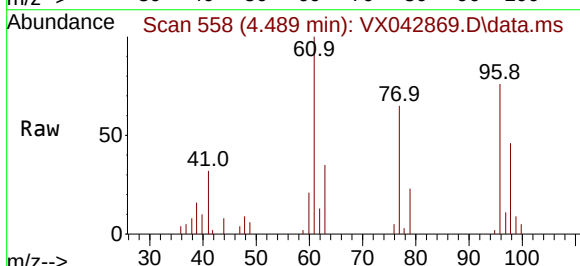
RT: 4.489 min Scan# 558

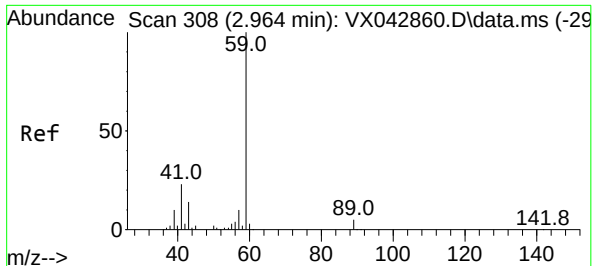
Delta R.T. 0.000 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

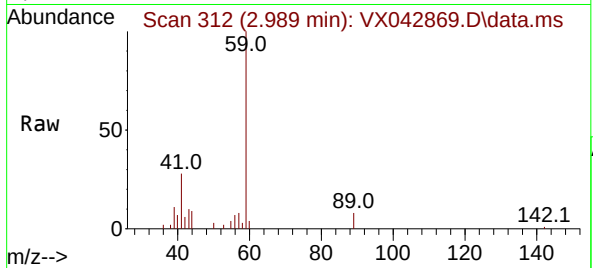
Tgt Ion: 96	Resp: 8947
Ion Ratio	Lower Upper
96 100	
61 127.4	117.7 176.5
98 57.5	53.4 80.0





#23
tert-Butyl Alcohol
Concen: 13.204 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.025 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

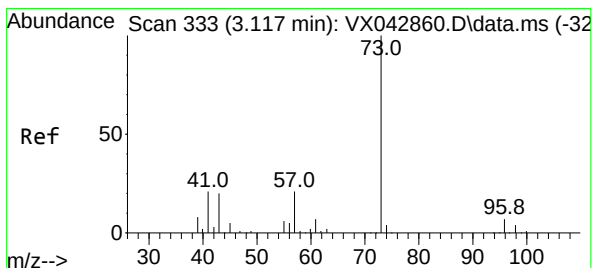
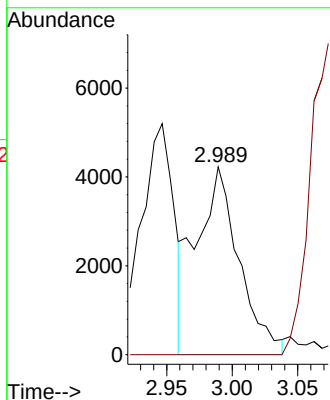
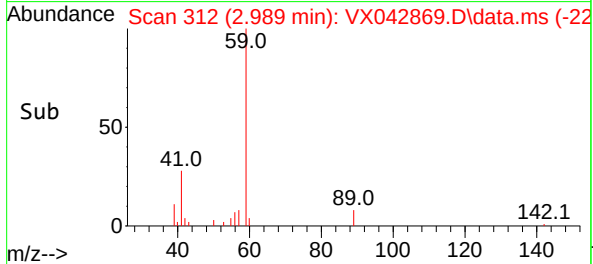
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 59 Resp: 957
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

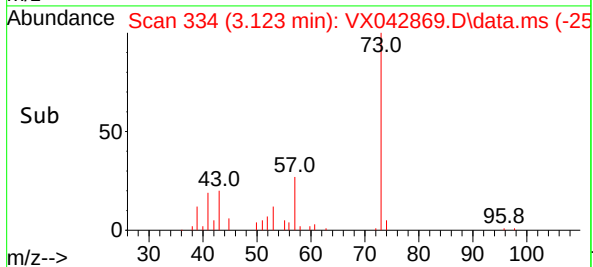
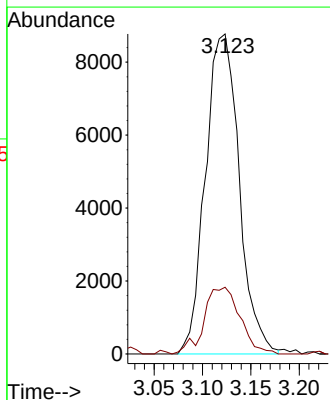
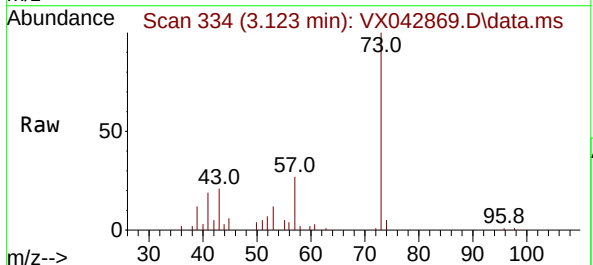
Manual Integrations
APPROVED

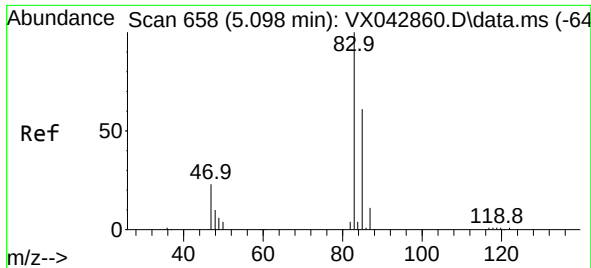
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#24
Methyl tert-Butyl Ether
Concen: 2.488 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 73 Resp: 21313
Ion Ratio Lower Upper
73 100
43 20.6 16.2 24.2





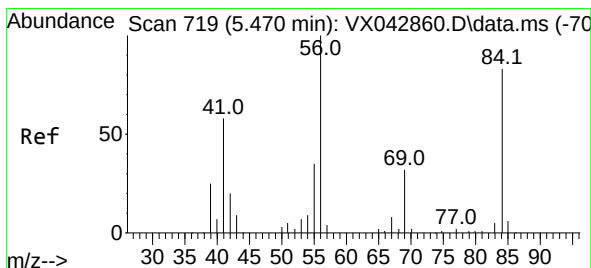
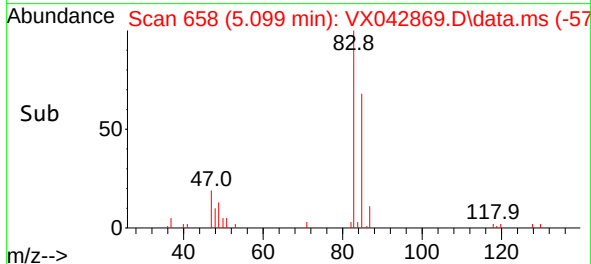
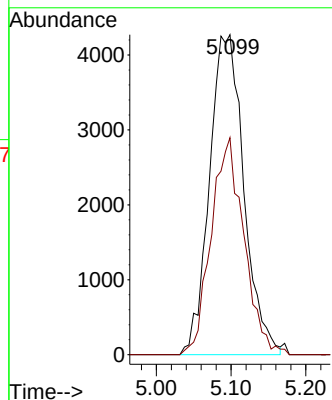
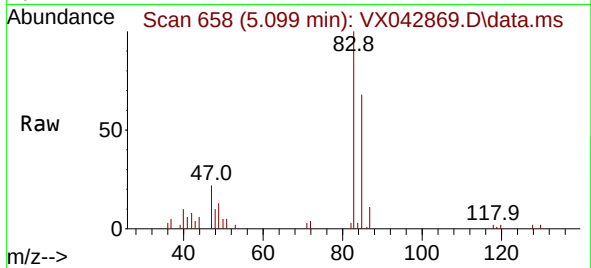
#25
Chloroform
Concen: 2.658 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 83 Resp: 1368
Ion Ratio Lower Upper
83 100
85 67.8 49.2 73.8

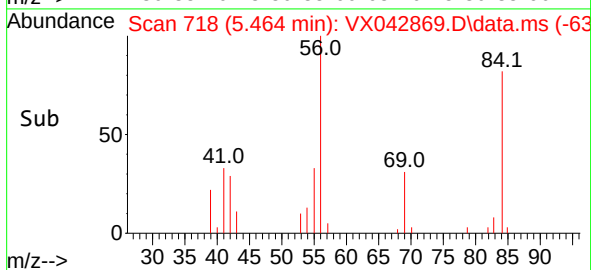
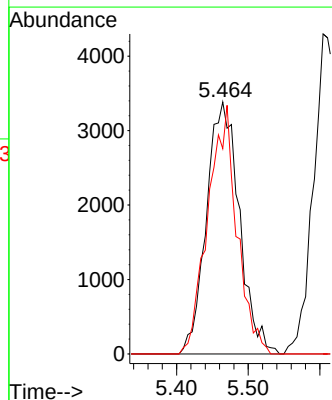
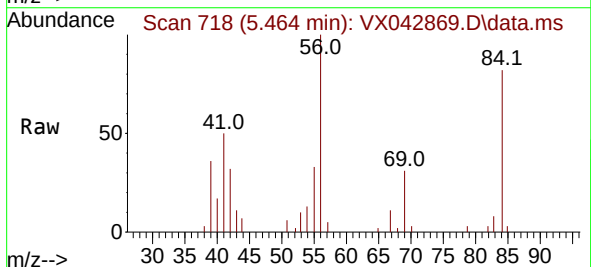
Manual Integrations
APPROVED

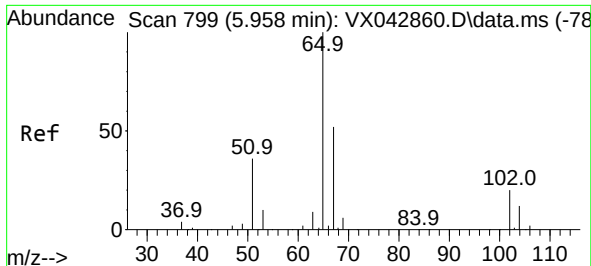
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#26
Cyclohexane
Concen: 2.869 ug/l m
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 56 Resp: 10769
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.3 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 29.742 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 65 Resp: 10863

Ion Ratio Lower Upper

65 100

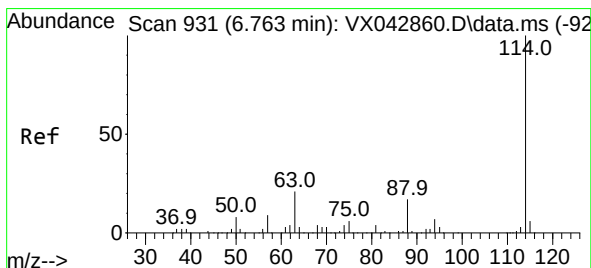
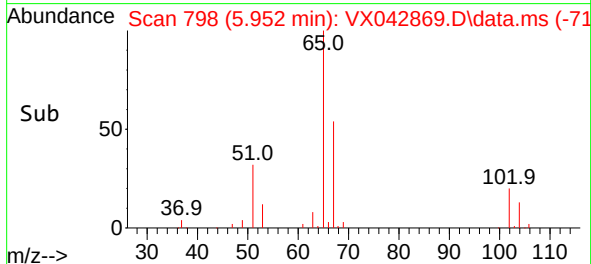
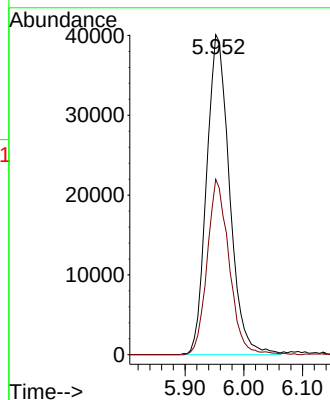
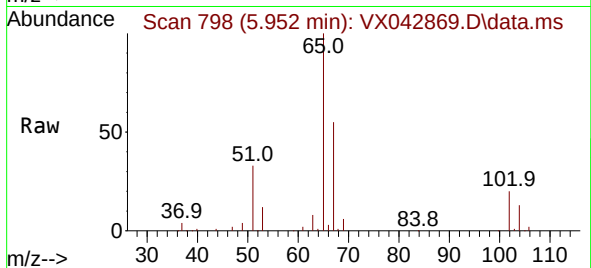
67 52.1 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

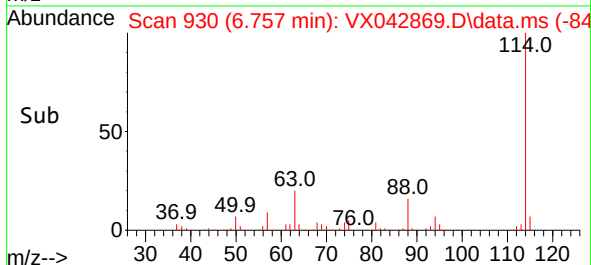
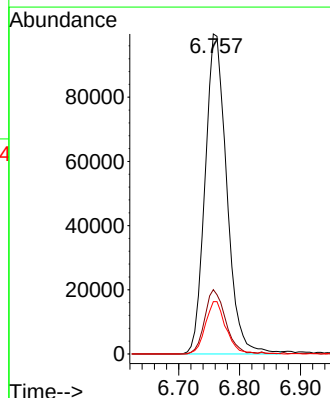
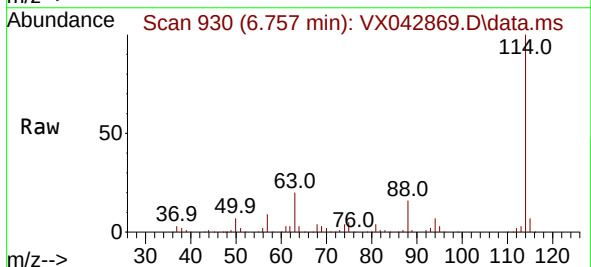
Tgt Ion:114 Resp: 246806

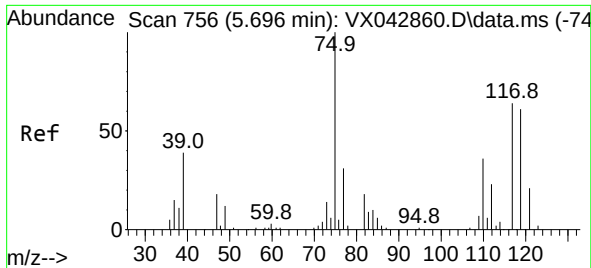
Ion Ratio Lower Upper

114 100

63 19.1 16.0 24.0

88 15.5 12.5 18.7





#29
1,1-Dichloropropene
Concen: 2.602 ug/l
RT: 5.690 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

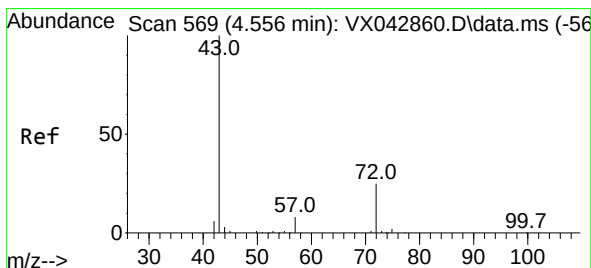
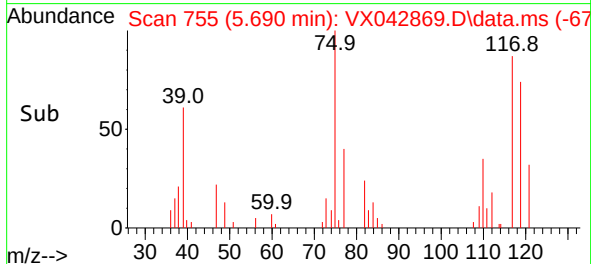
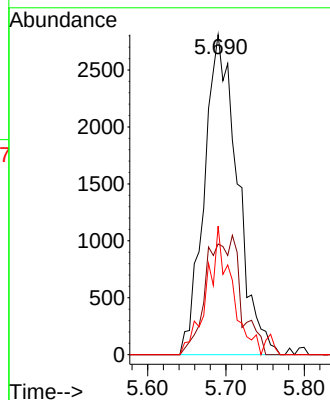
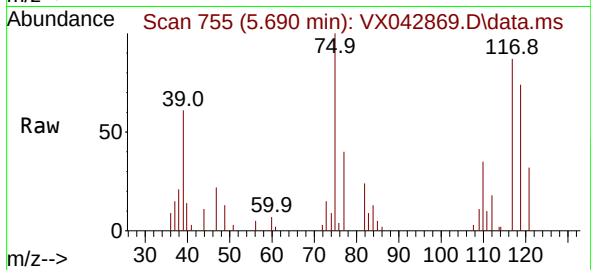
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 75 Resp: 827

Ion	Ratio	Lower	Upper
75	100		
110	12.7	0.0	72.4
77	10.4	0.0	63.4

Manual Integrations
APPROVED

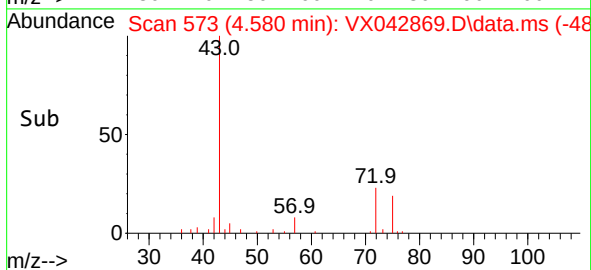
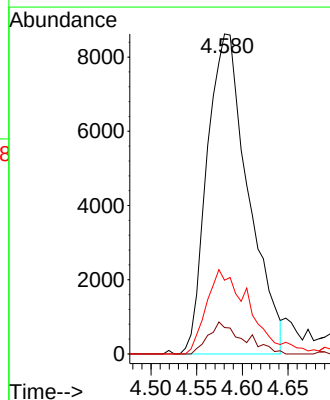
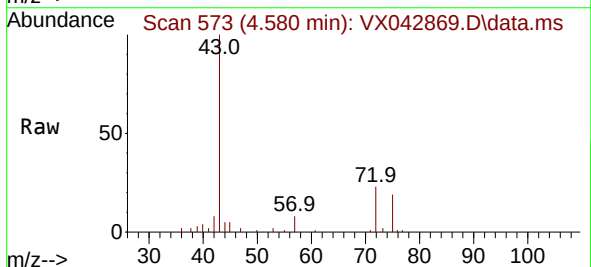
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

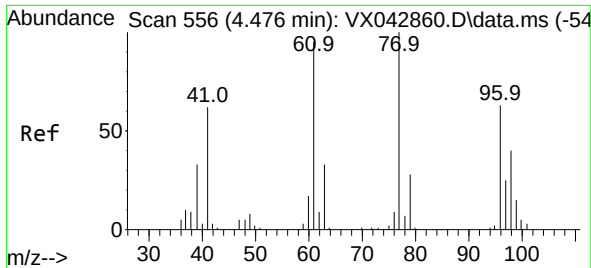


#30
2-Butanone
Concen: 11.515 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 43 Resp: 26970

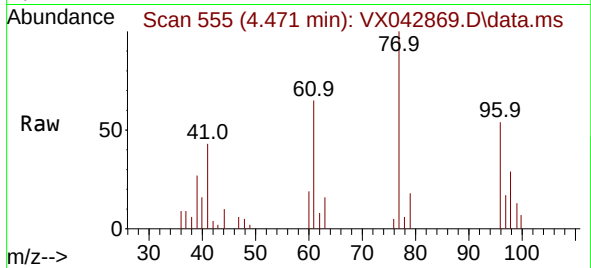
Ion	Ratio	Lower	Upper
43	100		
57	6.7	6.6	10.0
72	19.3	21.0	31.4





#31
2,2-Dichloropropane
Concen: 2.310 ug/l m
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

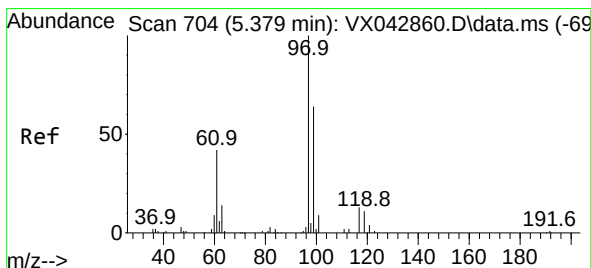
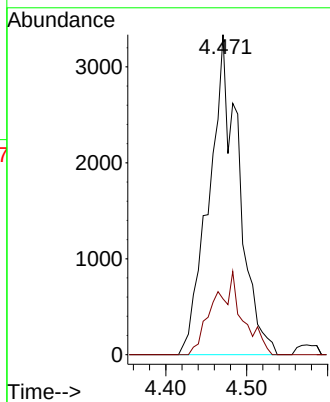
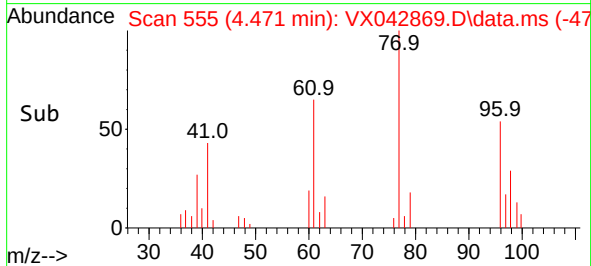
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 77 Resp: 8580
Ion Ratio Lower Upper
77 100
97 13.8 18.5 27.7

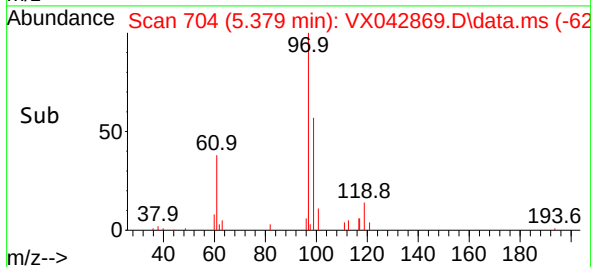
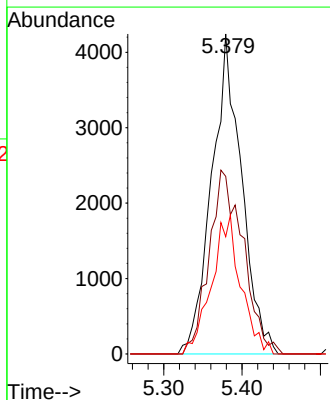
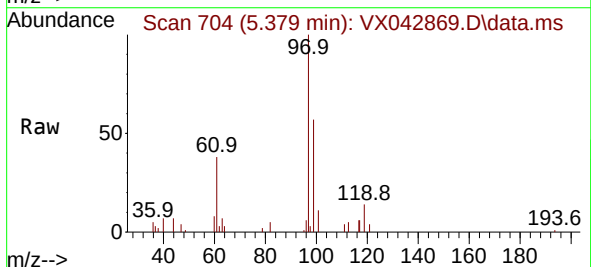
Manual Integrations
APPROVED

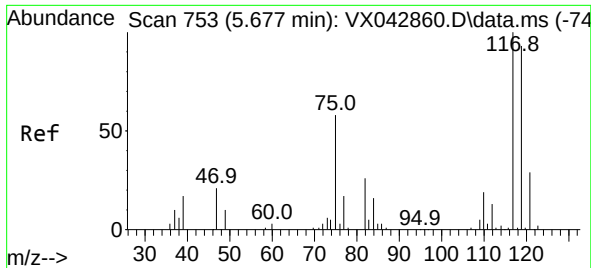
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#32
1,1,1-Trichloroethane
Concen: 2.551 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

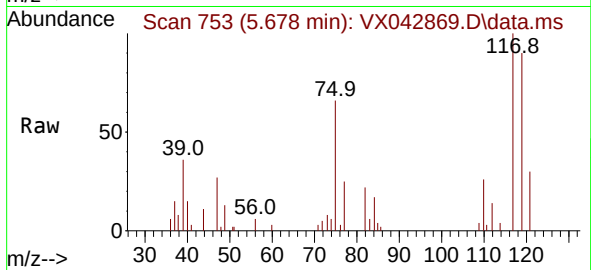
Tgt Ion: 97 Resp: 11233
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 42.7 34.3 51.5





#33
Carbon Tetrachloride
Concen: 2.497 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

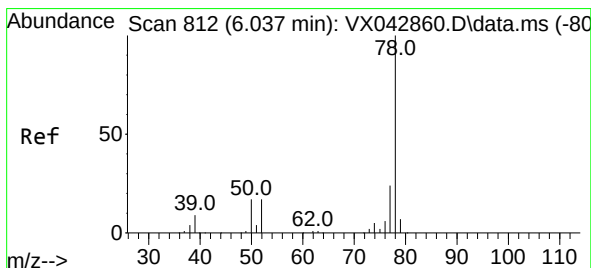
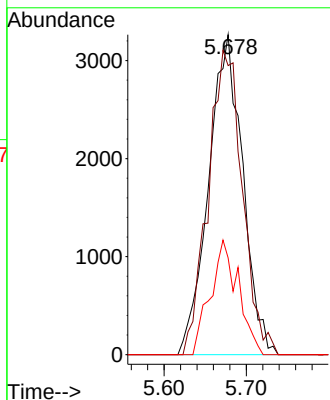
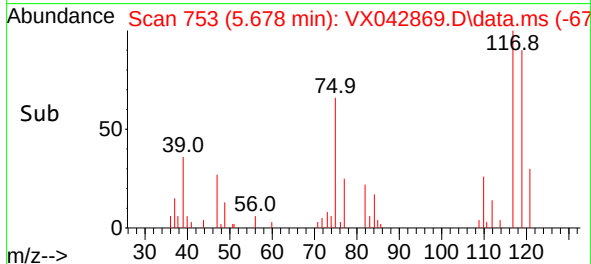
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:117 Resp: 940
Ion Ratio Lower Upper
117 100
119 90.3 75.7 113.5
121 30.2 23.3 34.9

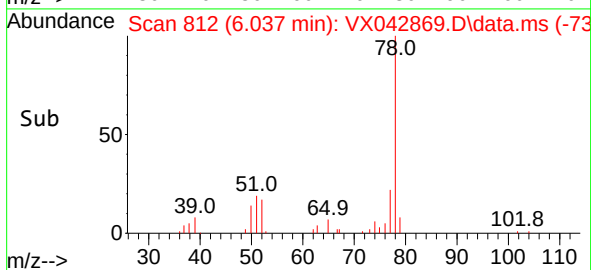
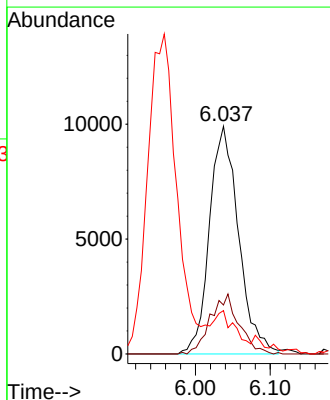
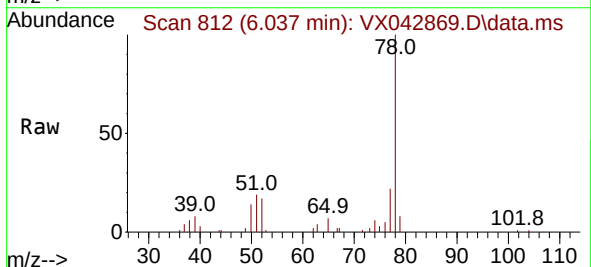
Manual Integrations
APPROVED

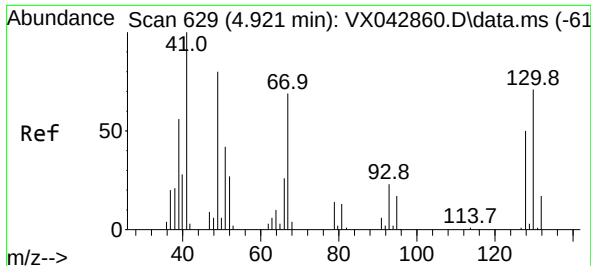
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#34
Benzene
Concen: 2.640 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

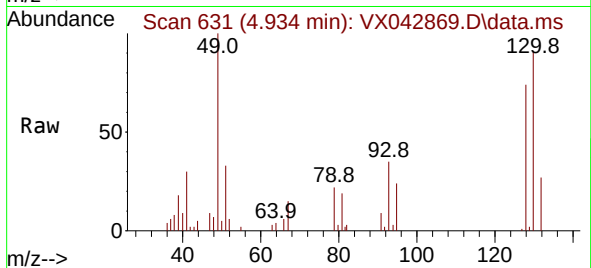
Tgt Ion: 78 Resp: 26887
Ion Ratio Lower Upper
78 100
77 21.5 19.4 29.2
51 16.9 13.5 20.3





#35
Methacrylonitrile
Concen: 2.250 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

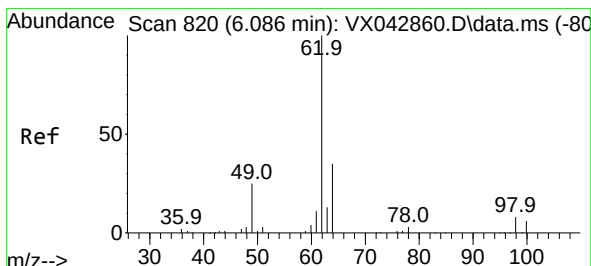
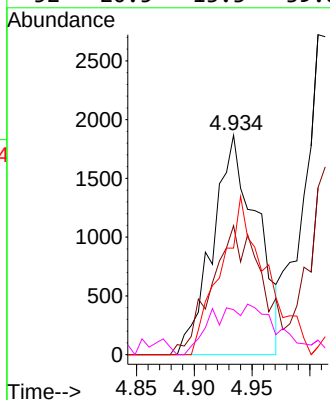
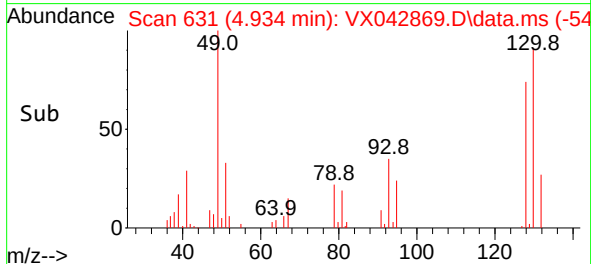
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 41 Resp: 4980
Ion Ratio Lower Upper
41 100
39 58.7 28.1 84.2
67 48.5 34.4 103.1
52 20.5 13.3 39.8

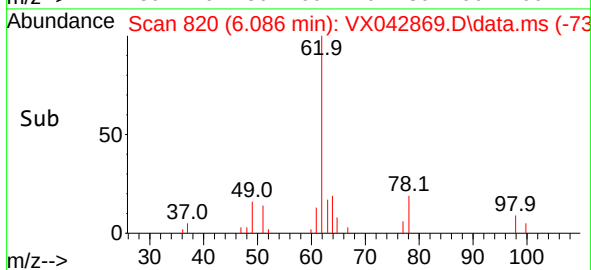
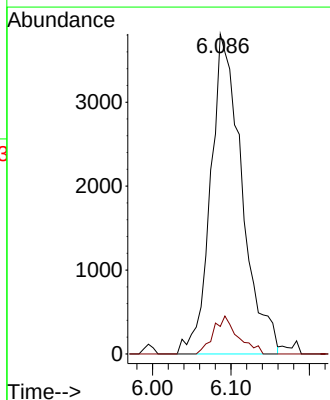
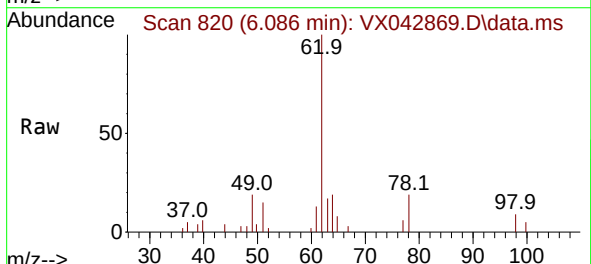
Manual Integrations
APPROVED

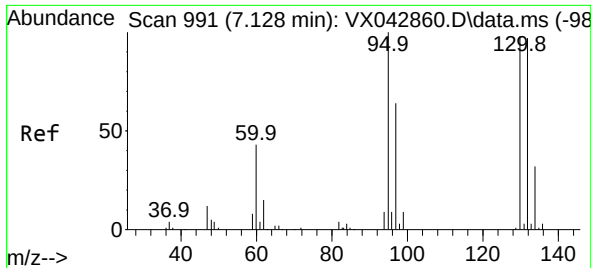
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#36
1,2-Dichloroethane
Concen: 2.817 ug/l m
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 62 Resp: 10586
Ion Ratio Lower Upper
62 100
98 9.3 6.8 10.2





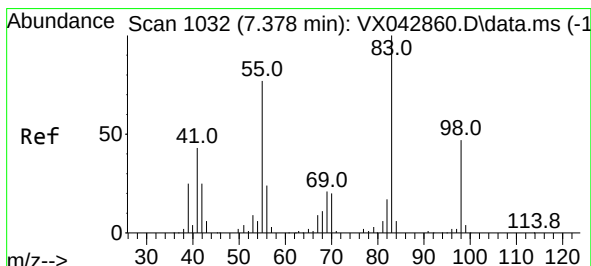
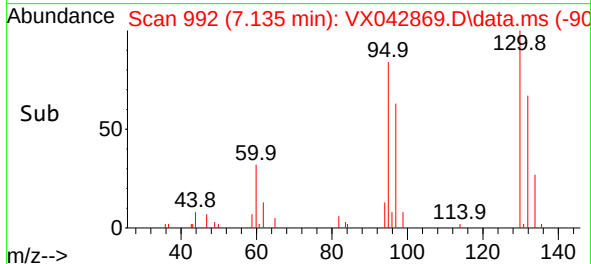
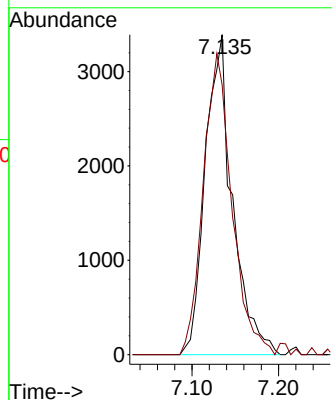
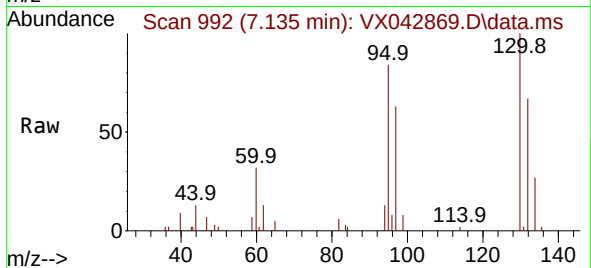
#37
Trichloroethene
Concen: 2.876 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:130 Resp: 741
Ion Ratio Lower Upper
130 100
95 84.3 81.4 122.2

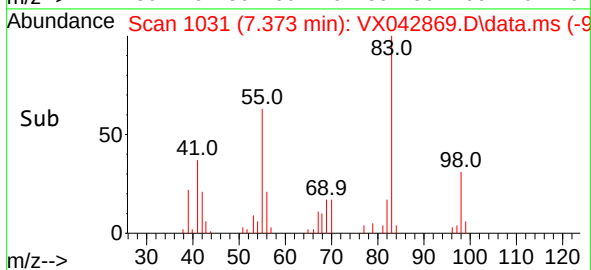
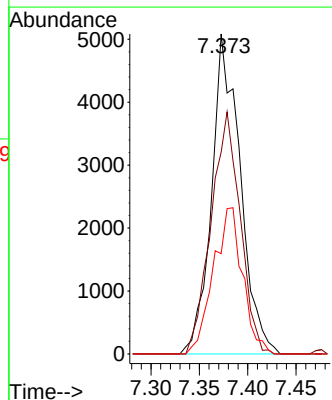
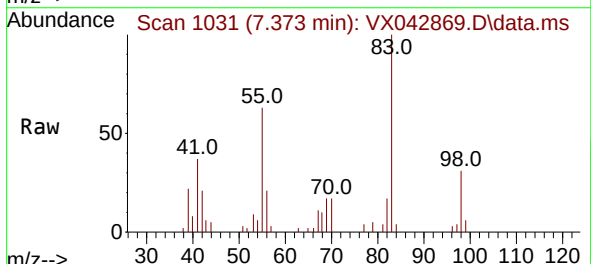
Manual Integrations
APPROVED

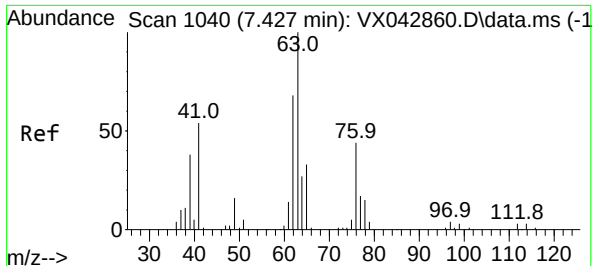
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#38
Methylcyclohexane
Concen: 2.654 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 83 Resp: 10462
Ion Ratio Lower Upper
83 100
55 77.0 38.0 113.9
98 46.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 2.640 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 63 Resp: 685

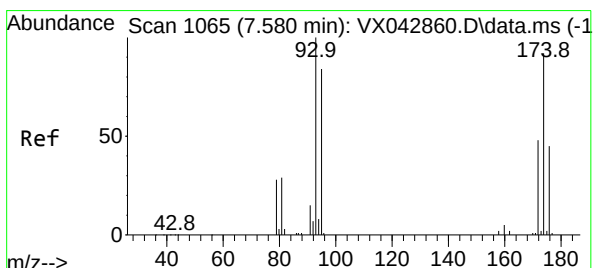
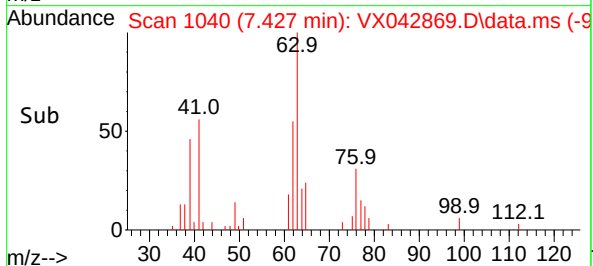
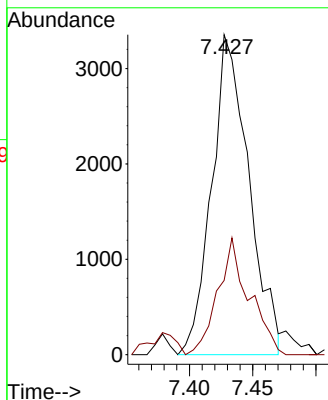
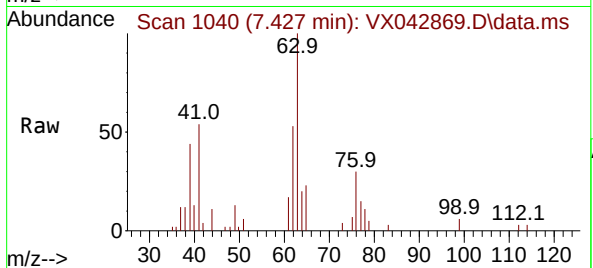
Ion	Ratio	Lower	Upper
63	100		
65	21.6	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#40

Dibromomethane

Concen: 2.554 ug/l

RT: 7.586 min Scan# 1066

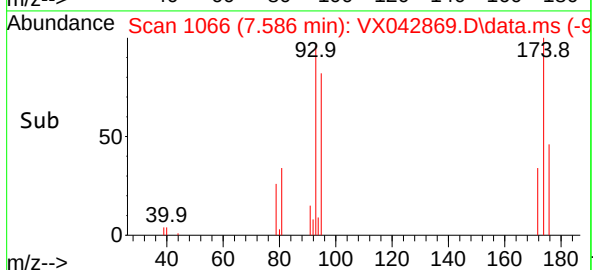
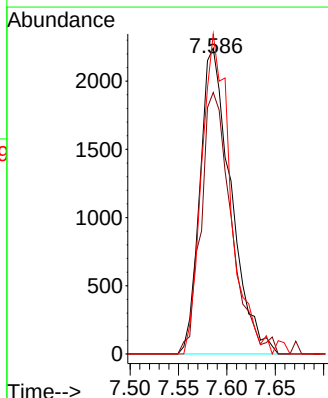
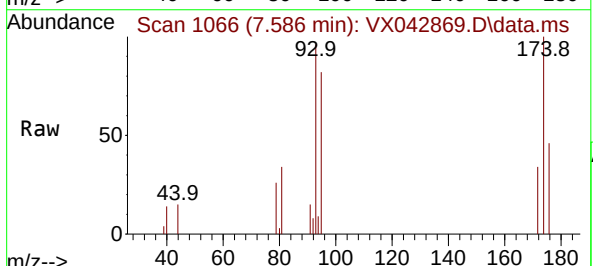
Delta R.T. 0.006 min

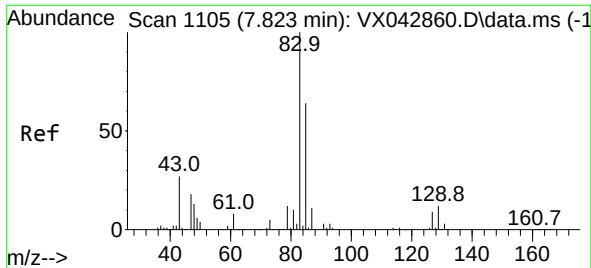
Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Tgt Ion: 93 Resp: 5005

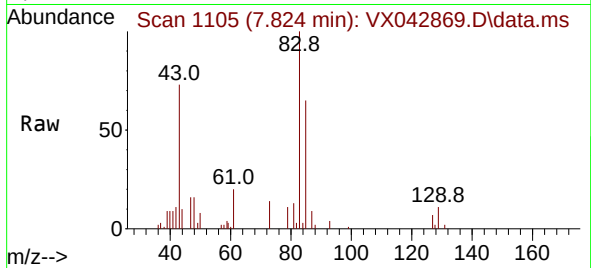
Ion	Ratio	Lower	Upper
93	100		
95	82.3	0.0	161.8
174	97.5	0.0	194.0





#41
Bromodichloromethane
Concen: 2.365 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

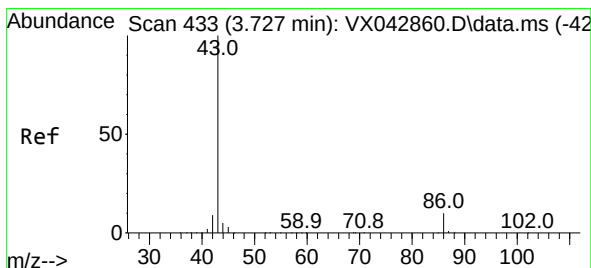
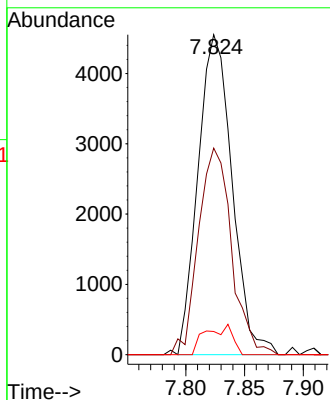
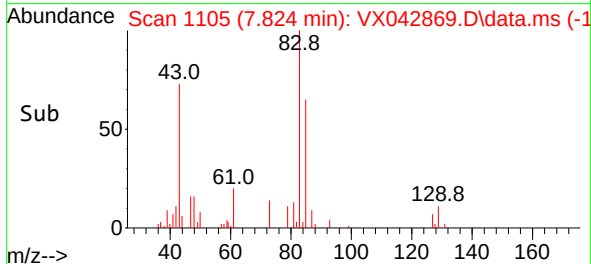
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 83 Resp: 919
Ion Ratio Lower Upper
83 100
85 64.6 50.8 76.2
127 9.0 6.9 10.3

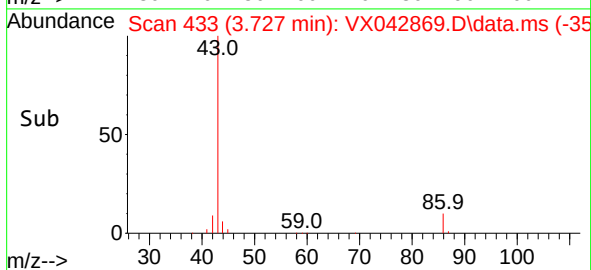
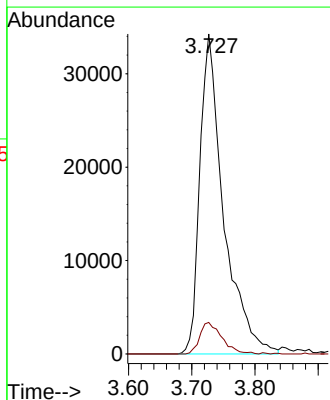
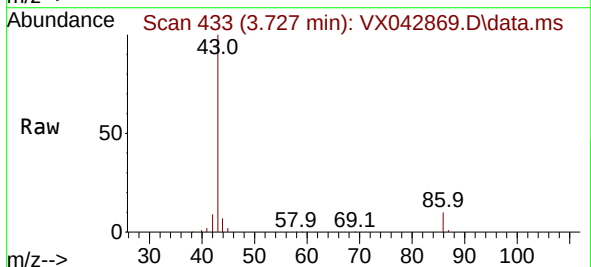
Manual Integrations
APPROVED

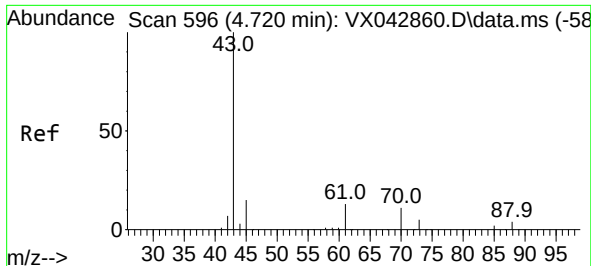
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#42
Vinyl Acetate
Concen: 13.054 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

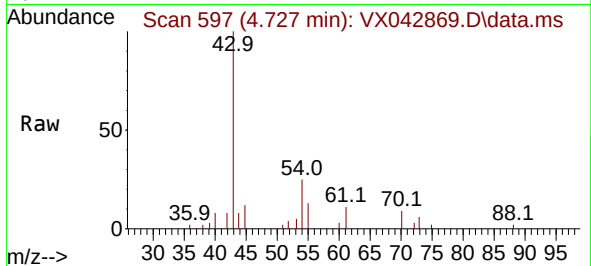
Tgt Ion: 43 Resp: 89422
Ion Ratio Lower Upper
43 100
86 9.1 7.2 10.8





#43
Ethyl Acetate
Concen: 2.587 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

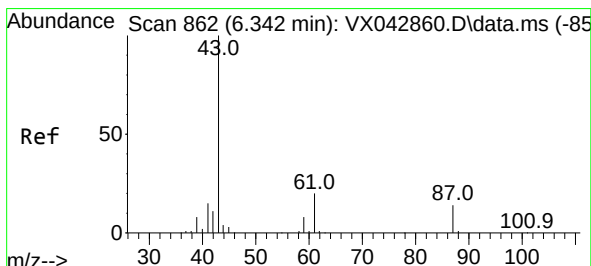
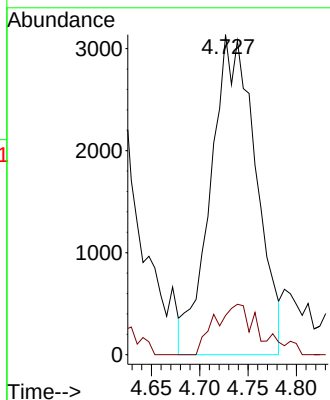
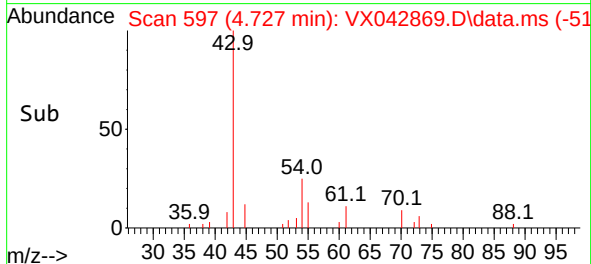
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
45 0.3 12.5 18.7

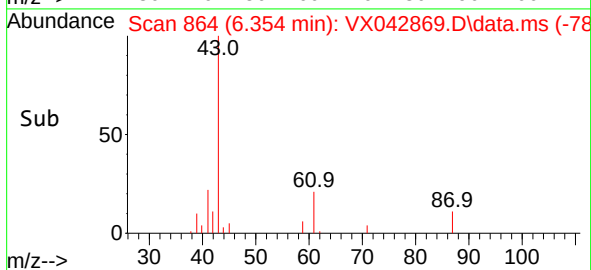
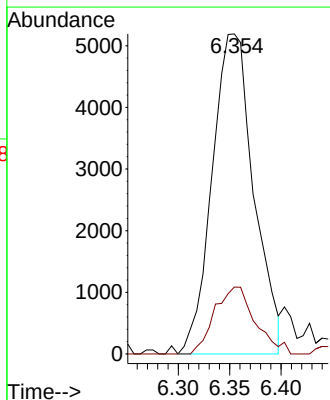
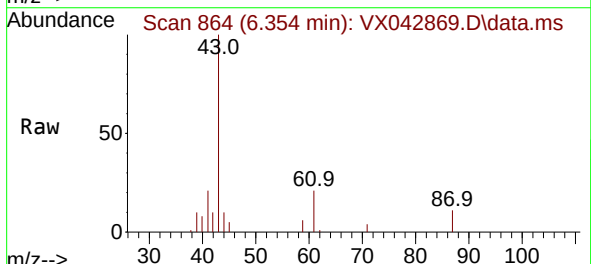
Manual Integrations
APPROVED

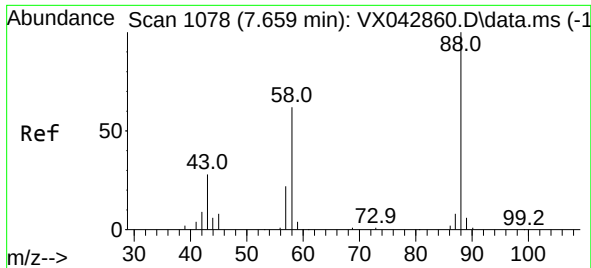
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#44
Isopropyl Acetate
Concen: 2.313 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

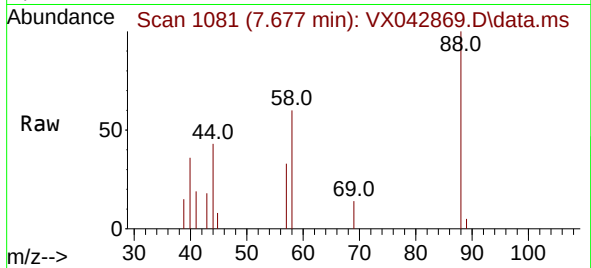
Tgt Ion: 43 Resp: 14629
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0





#45
1,4-Dioxane
Concen: 59.334 ug/l m
RT: 7.677 min Scan# 1081
Delta R.T. 0.019 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

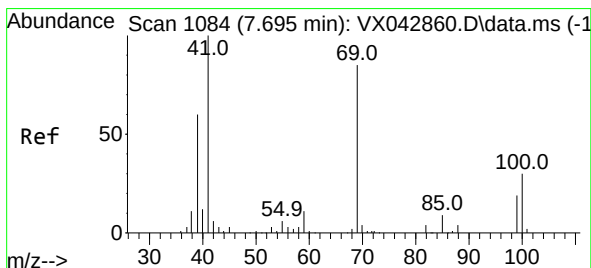
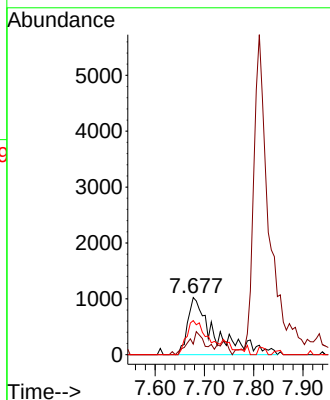
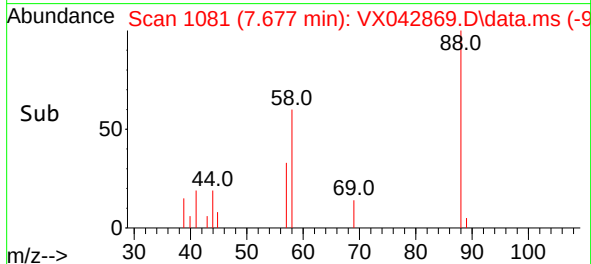
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 88 Resp: 3928
Ion Ratio Lower Upper
88 100
43 7.1 25.8 38.6
58 39.5 55.5 83.3

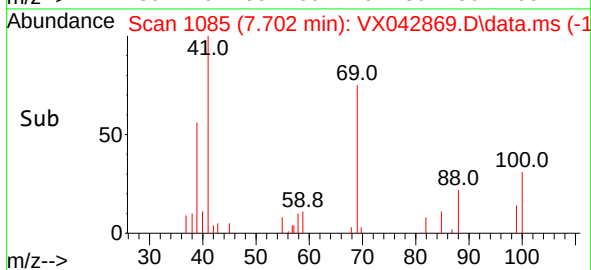
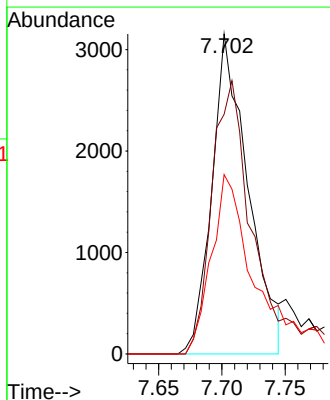
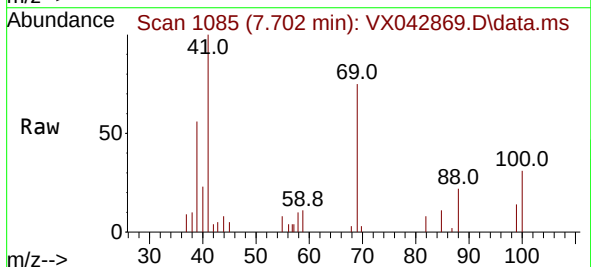
Manual Integrations
APPROVED

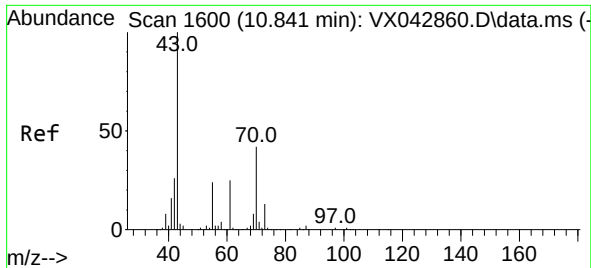
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#46
Methyl methacrylate
Concen: 2.002 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

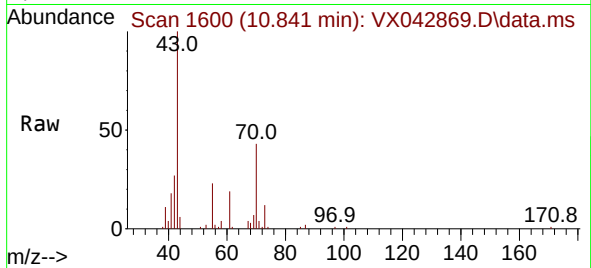
Tgt Ion: 41 Resp: 6290
Ion Ratio Lower Upper
41 100
69 74.9 42.4 127.1
39 56.0 29.9 89.7





#47
n-amy1 Acetate
Concen: 2.081 ug/l
RT: 10.841 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

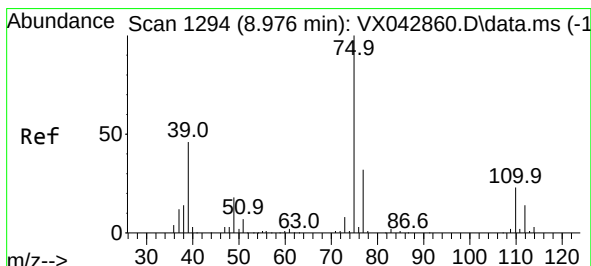
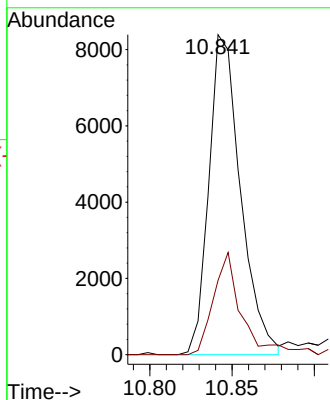
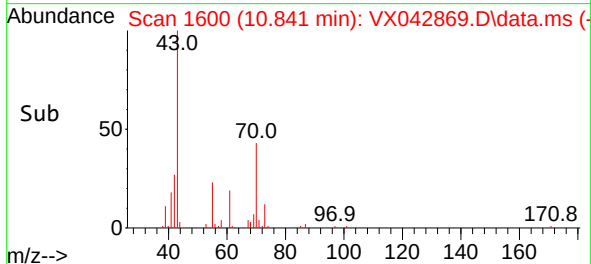
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



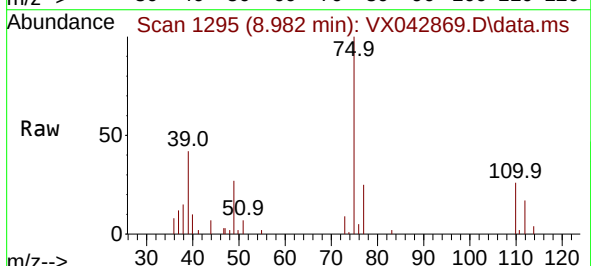
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
55 25.4 19.6 29.4

Manual Integrations
APPROVED

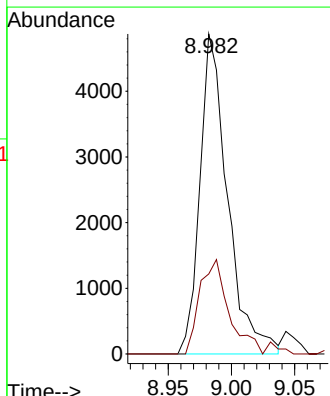
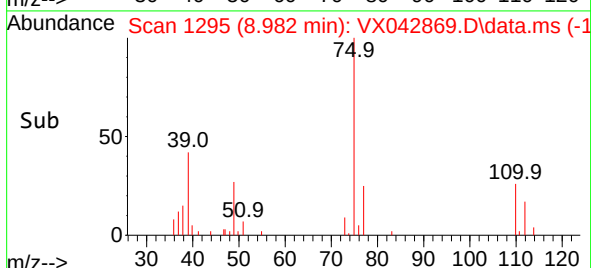
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

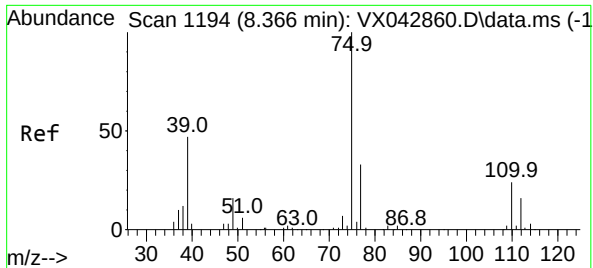


#48
t-1,3-Dichloropropene
Concen: 1.994 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22



Tgt Ion: 75 Resp: 7429
Ion Ratio Lower Upper
75 100
77 25.0 25.6 38.4#





#49

cis-1,3-Dichloropropene

Concen: 2.206 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

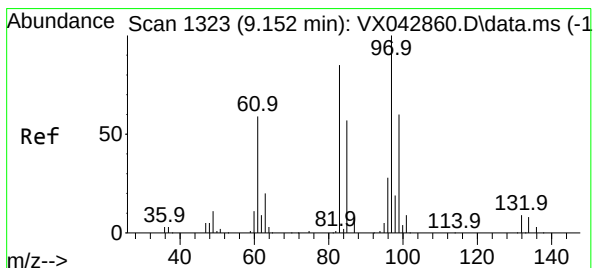
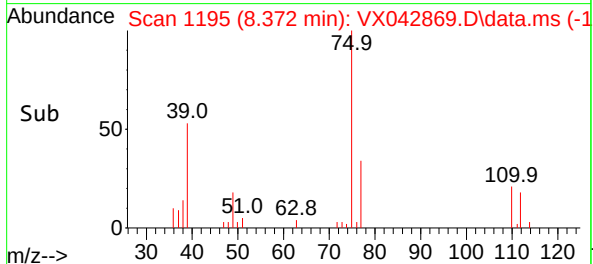
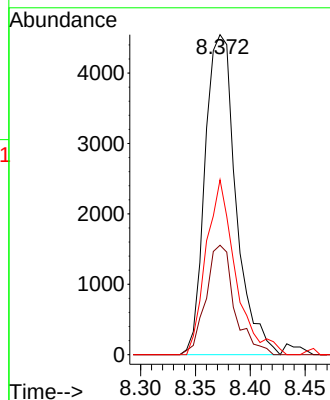
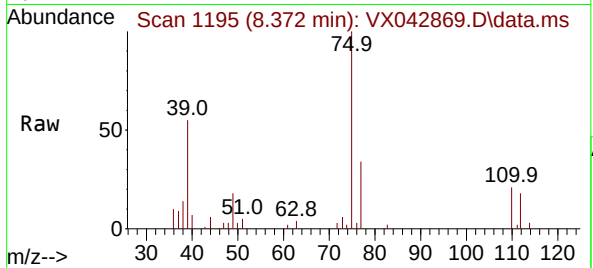
Tgt Ion: 75	Resp: 8900
Ion Ratio	Lower Upper
75 100	
77 34.2	26.8 40.2
39 54.7	37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#50

1,1,2-Trichloroethane

Concen: 2.509 ug/l

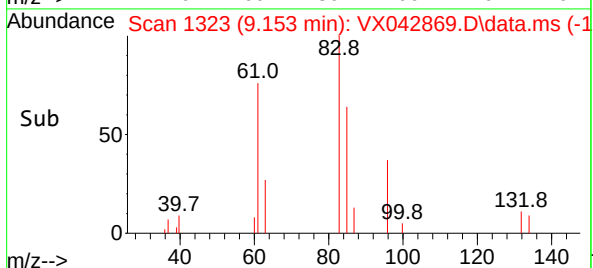
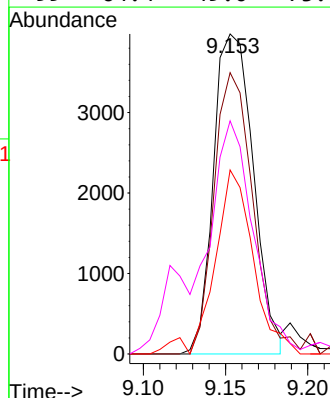
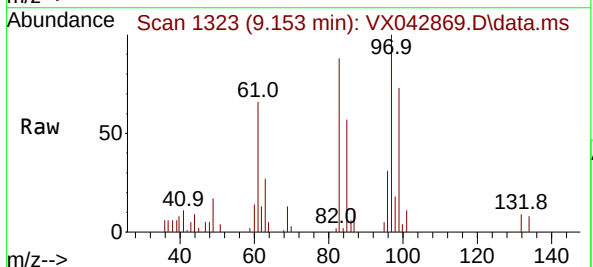
RT: 9.153 min Scan# 1323

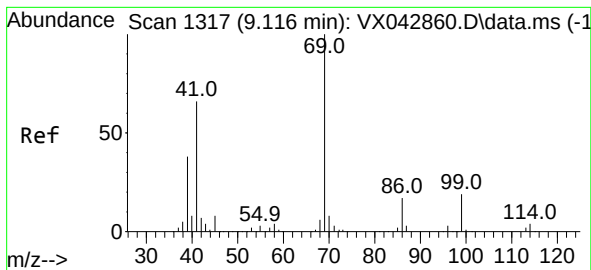
Delta R.T. 0.000 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

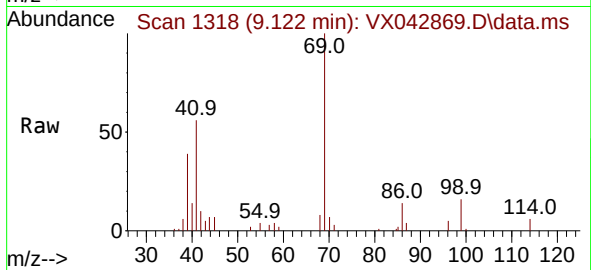
Tgt Ion: 97	Resp: 6708
Ion Ratio	Lower Upper
97 100	
83 87.9	68.2 102.2
85 52.4	45.4 68.0
99 64.4	49.0 73.4





#51
Ethyl methacrylate
Concen: 2.093 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

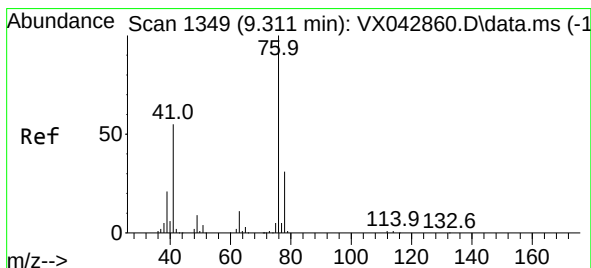
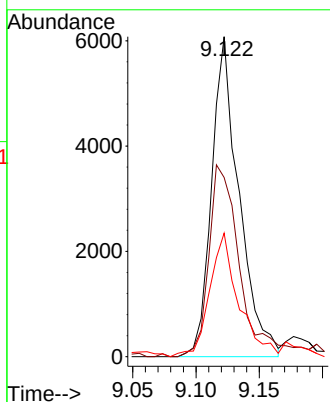
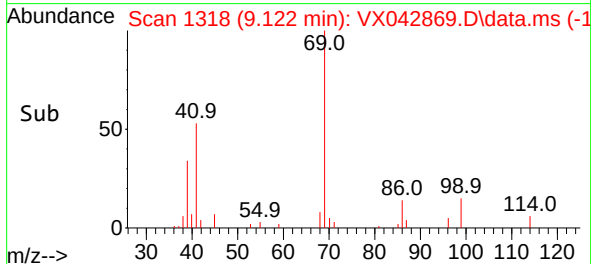
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 69 Resp: 9150
Ion Ratio Lower Upper
69 100
41 56.0 33.1 99.2
39 37.5 18.8 56.3

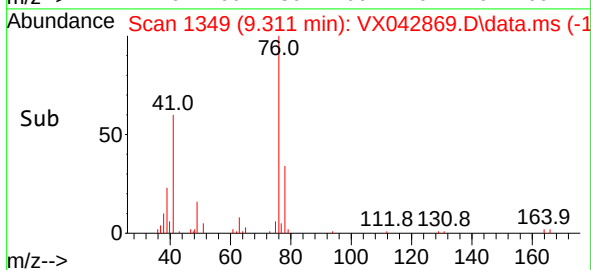
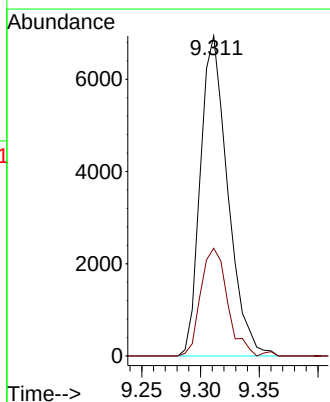
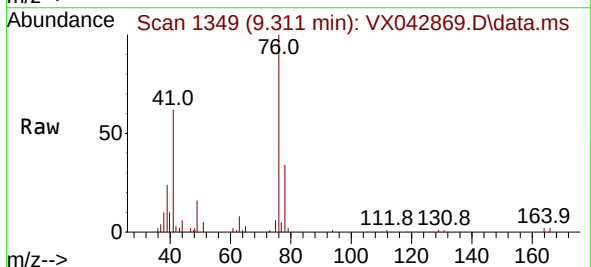
Manual Integrations
APPROVED

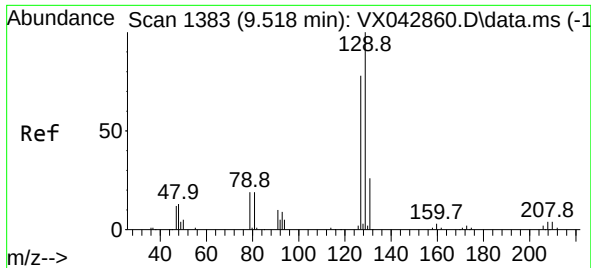
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#52
1,3-Dichloropropane
Concen: 2.568 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

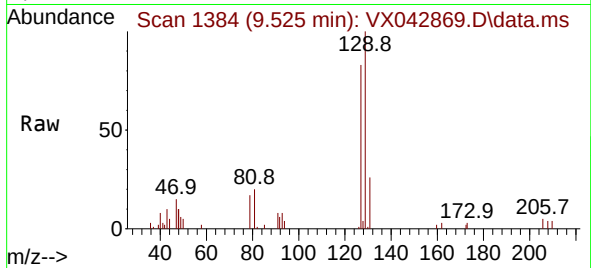
Tgt Ion: 76 Resp: 11267
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.8





#53
Dibromochloromethane
Concen: 2.193 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

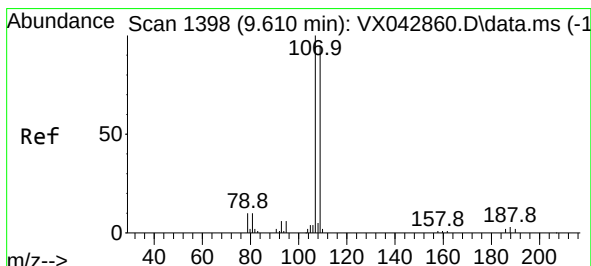
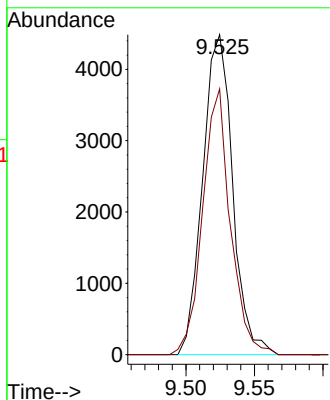
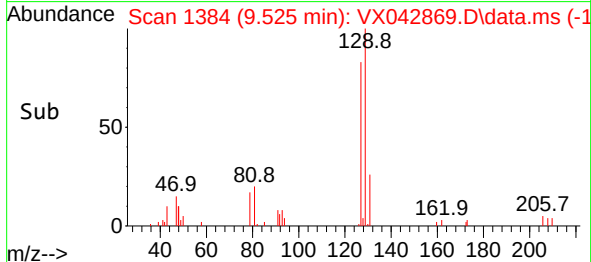
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



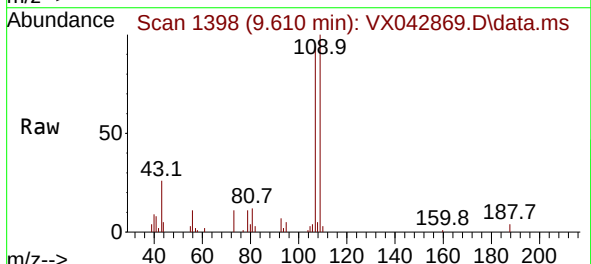
Tgt Ion:129 Resp: 682
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3

Manual Integrations
APPROVED

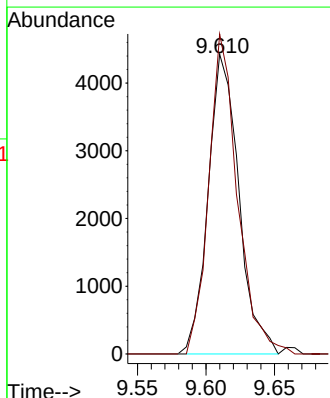
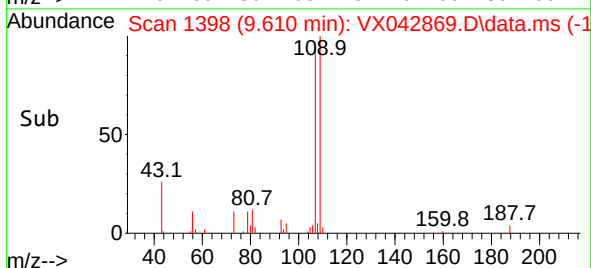
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

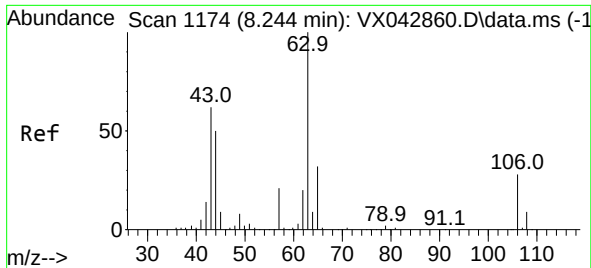


#54
1,2-Dibromoethane
Concen: 2.482 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22



Tgt Ion:107 Resp: 6899
Ion Ratio Lower Upper
107 100
109 100.0 74.2 111.4





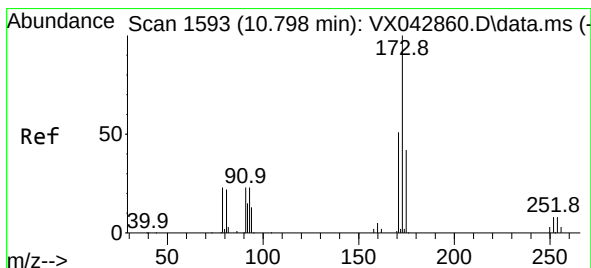
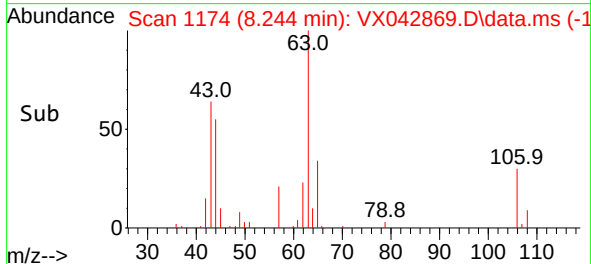
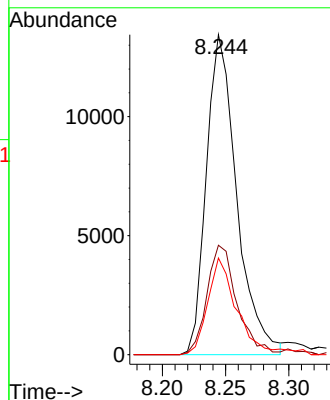
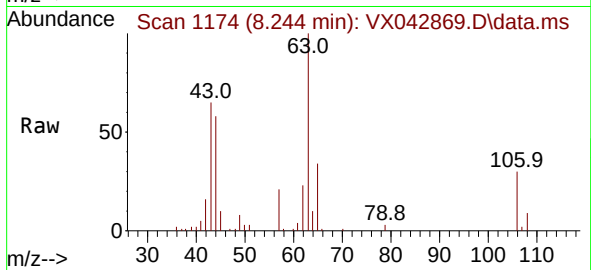
#55
2-Chloroethyl vinyl ether
Concen: 11.128 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 63 Resp: 22478
Ion Ratio Lower Upper
63 100
65 33.7 26.3 39.5
106 29.2 21.8 32.6

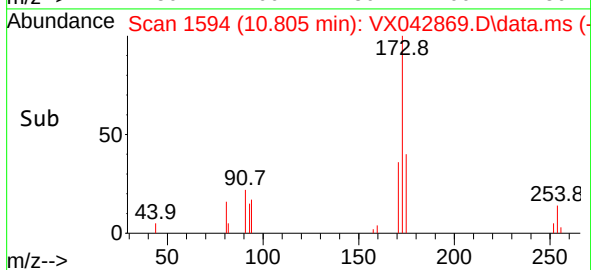
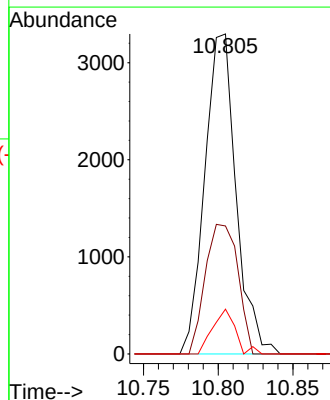
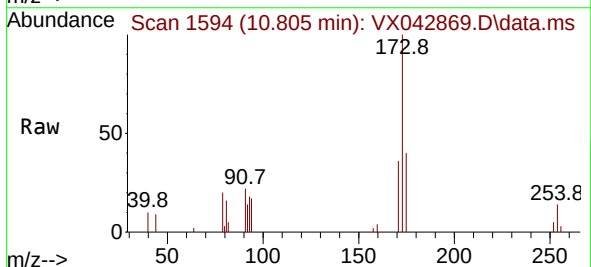
Manual Integrations
APPROVED

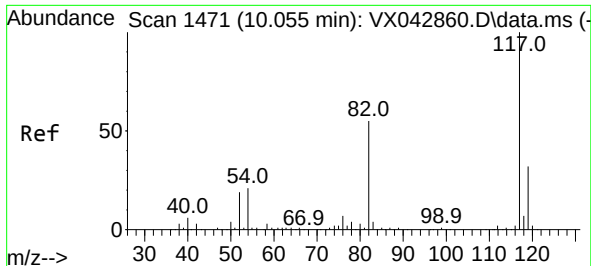
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#56
Bromoform
Concen: 2.154 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion:173 Resp: 4803
Ion Ratio Lower Upper
173 100
175 42.1 37.1 55.7
254 9.6 6.6 10.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 117 Resp: 221915

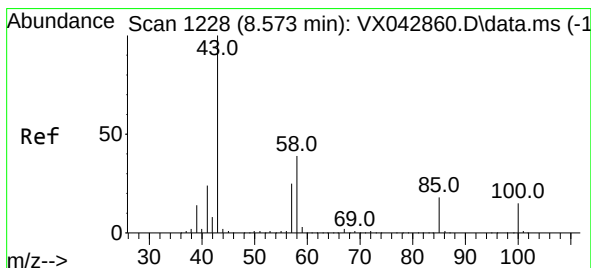
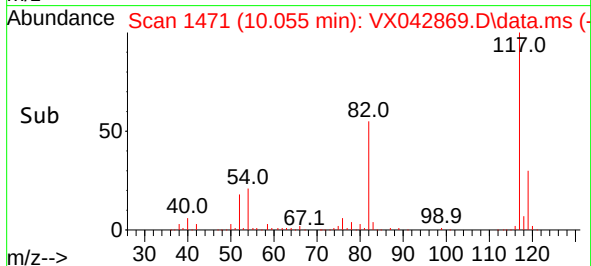
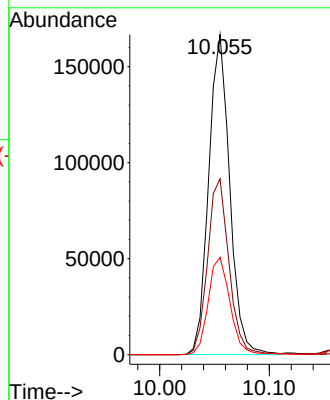
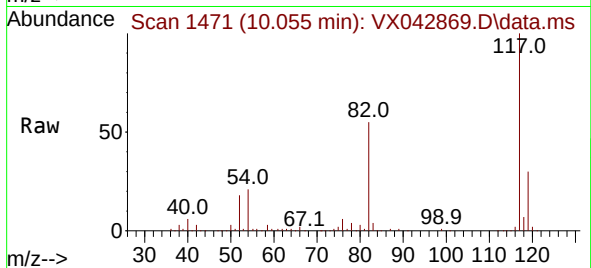
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	31.7	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#58

4-Methyl-2-Pentanone

Concen: 12.818 ug/l

RT: 8.580 min Scan# 1229

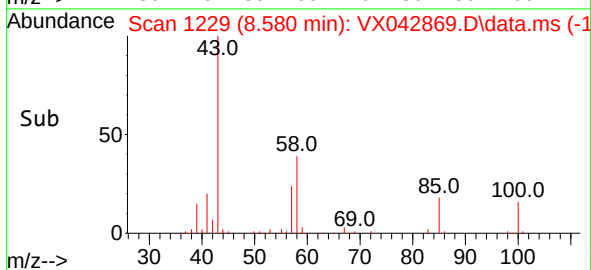
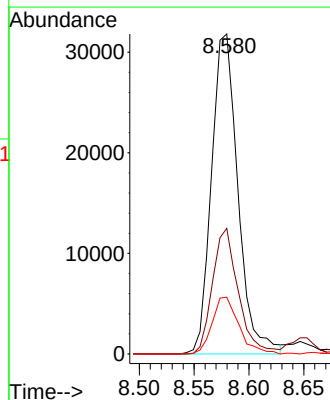
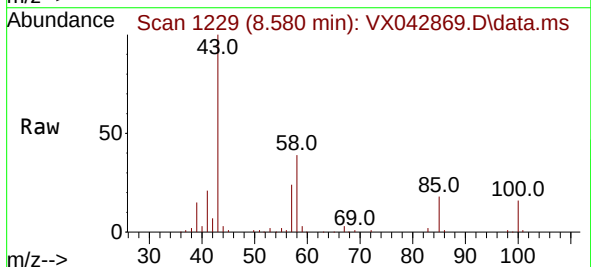
Delta R.T. 0.006 min

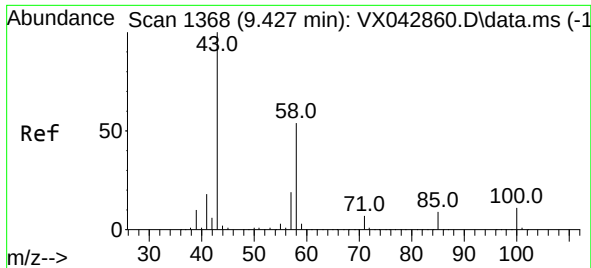
Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Tgt Ion: 43 Resp: 53567

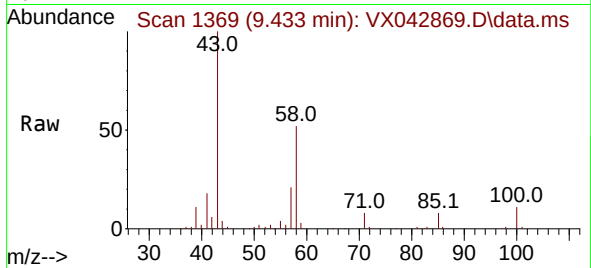
Ion	Ratio	Lower	Upper
43	100		
58	38.3	31.4	47.0
85	17.9	14.6	21.8





#59
2-Hexanone
Concen: 11.128 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

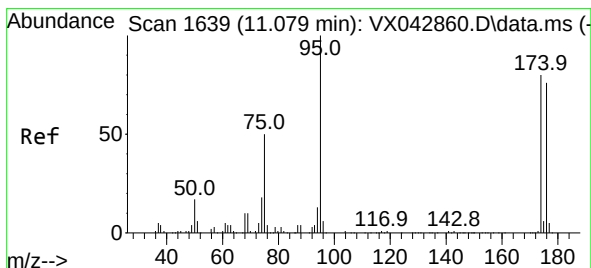
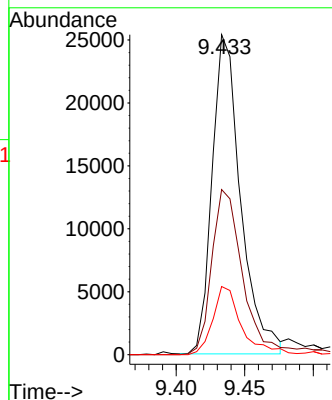
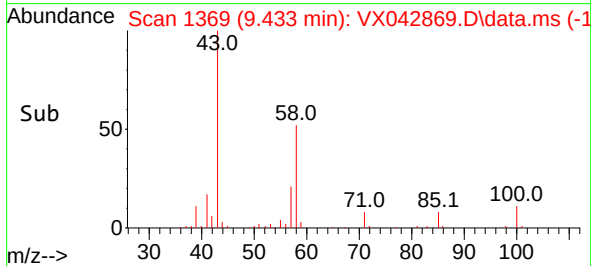
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 43 Resp: 36750
Ion Ratio Lower Upper
43 100
58 55.9 43.5 65.3
57 21.5 15.0 22.6

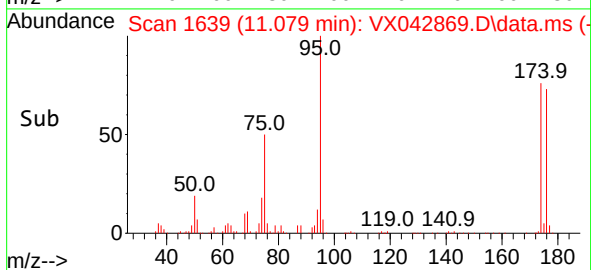
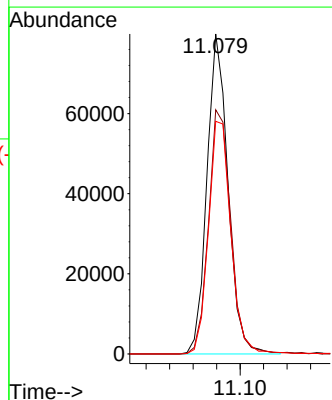
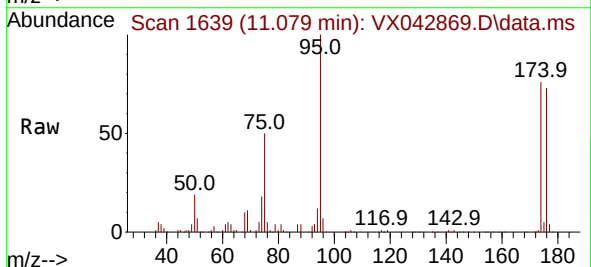
Manual Integrations
APPROVED

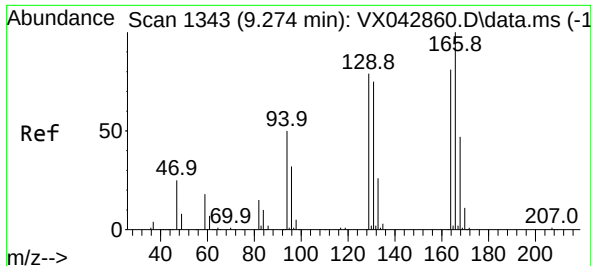
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#60
4-Bromofluorobenzene
Concen: 27.460 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

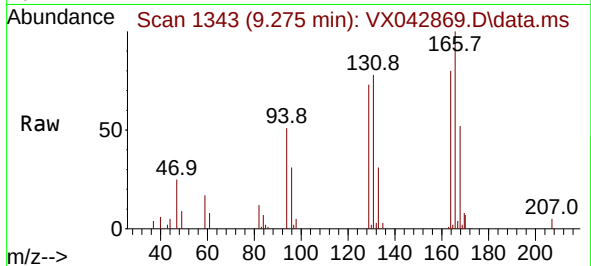
Tgt Ion: 95 Resp: 99417
Ion Ratio Lower Upper
95 100
174 80.8 65.0 97.6
176 76.8 63.4 95.0





#61
Tetrachloroethene
Concen: 2.850 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

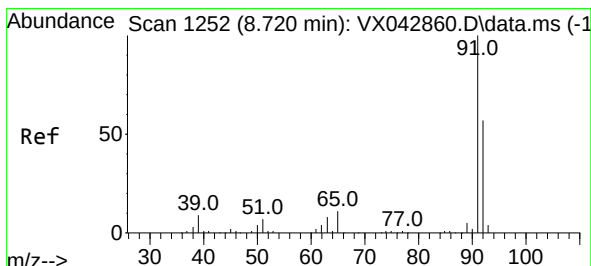
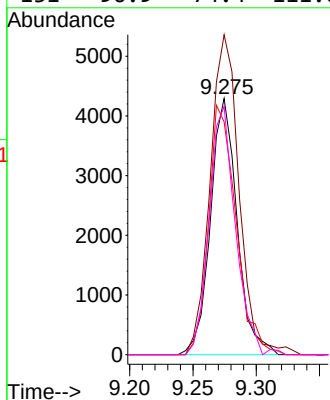
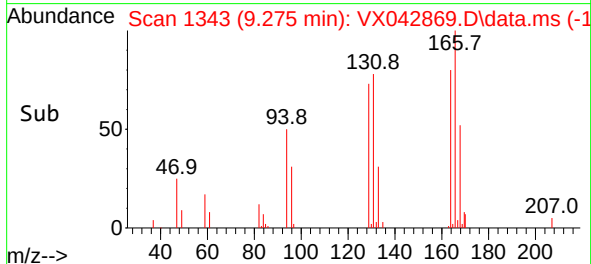
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:164 Resp: 6279
Ion Ratio Lower Upper
164 100
166 124.9 98.6 147.8
129 90.9 77.4 116.0
131 96.9 74.4 111.6

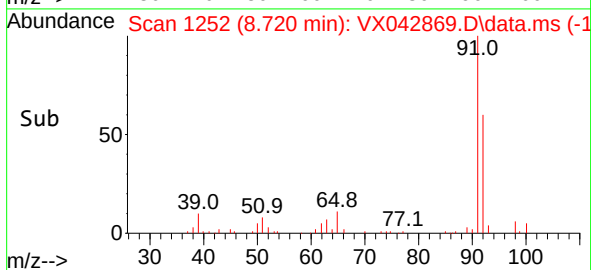
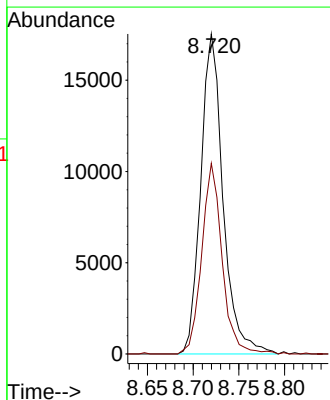
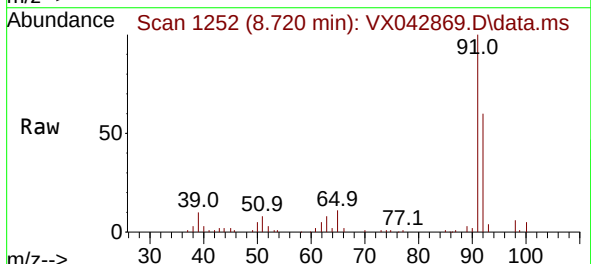
Manual Integrations
APPROVED

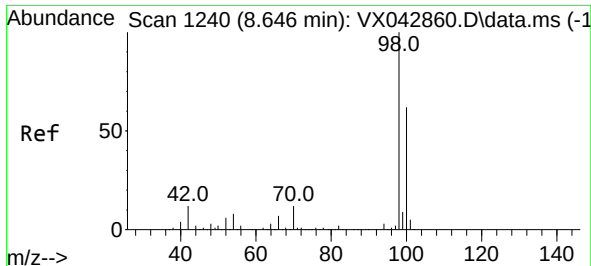
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#62
Toluene
Concen: 2.734 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

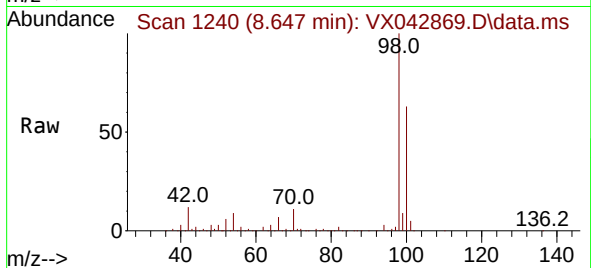
Tgt Ion: 91 Resp: 29720
Ion Ratio Lower Upper
91 100
92 54.2 45.7 68.5





#63
Toluene-d8
Concen: 30.332 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

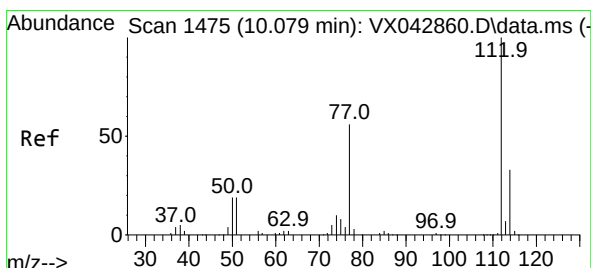
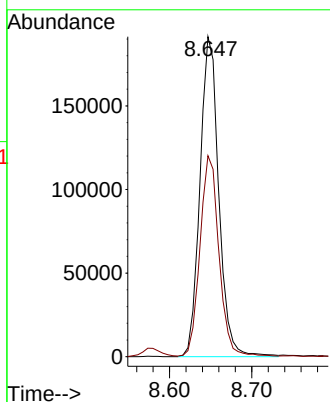
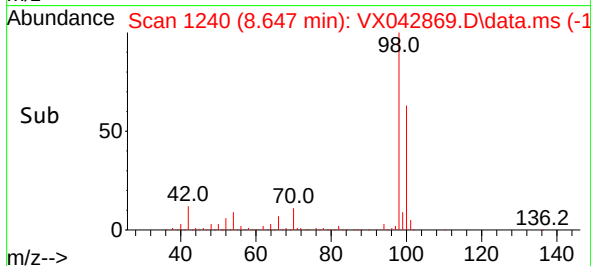
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 98 Resp: 304050
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

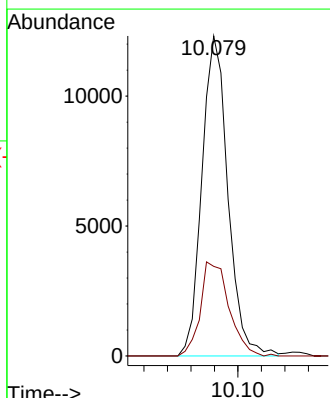
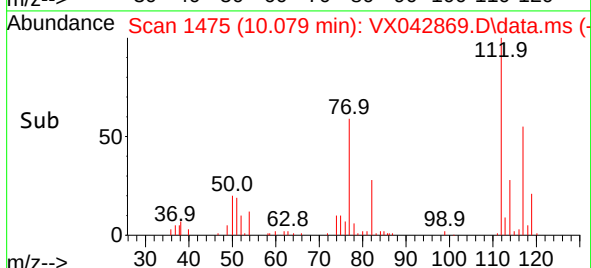
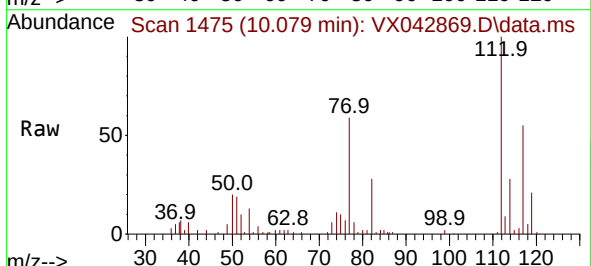
Manual Integrations
APPROVED

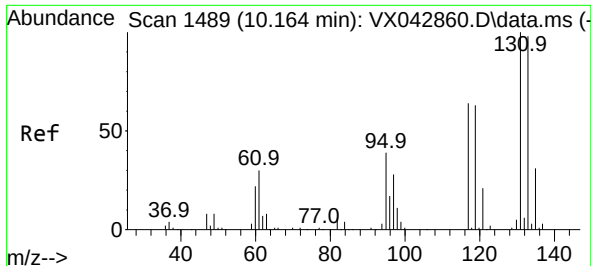
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#64
Chlorobenzene
Concen: 2.717 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion:112 Resp: 18903
Ion Ratio Lower Upper
112 100
114 28.0 26.3 39.5





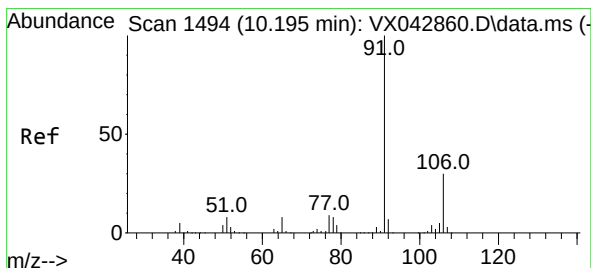
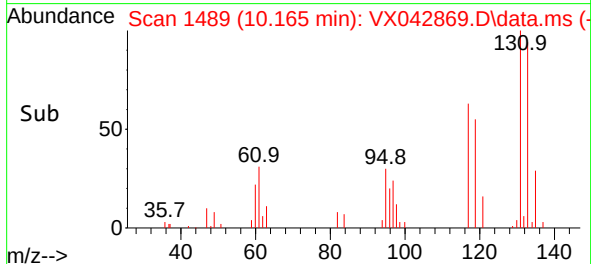
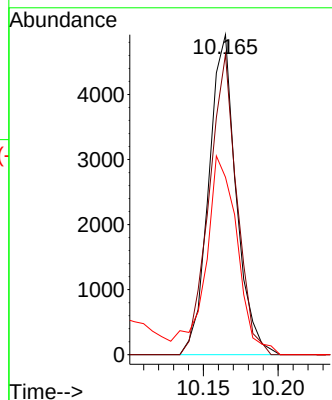
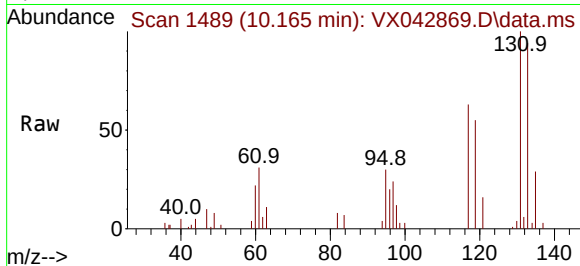
#65
1,1,1,2-Tetrachloroethane
Concen: 2.481 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:131 Resp: 6260
Ion Ratio Lower Upper
131 100
133 94.9 0.0 188.2
119 71.5 0.0 131.0

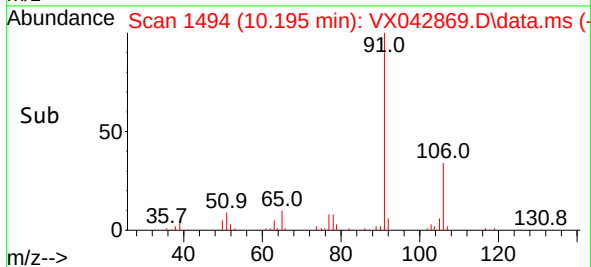
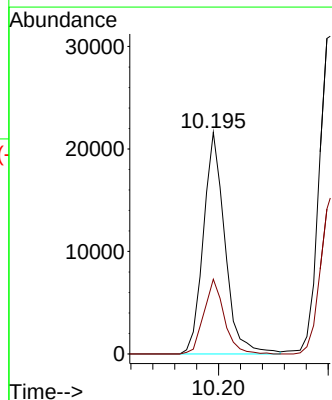
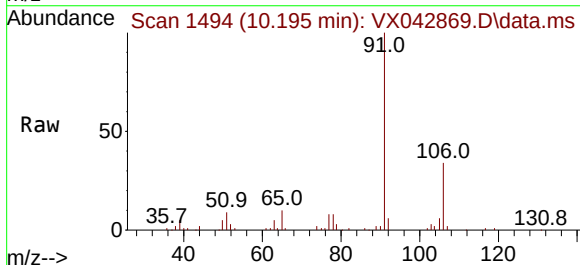
Manual Integrations
APPROVED

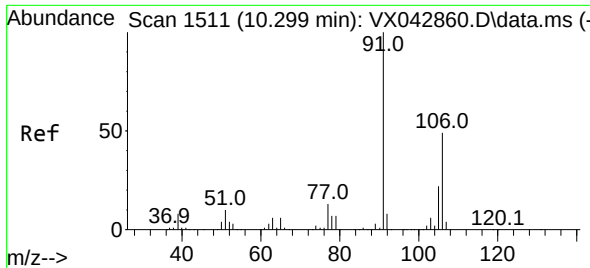
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#66
Ethyl Benzene
Concen: 2.442 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 91 Resp: 29495
Ion Ratio Lower Upper
91 100
106 33.8 23.8 35.8





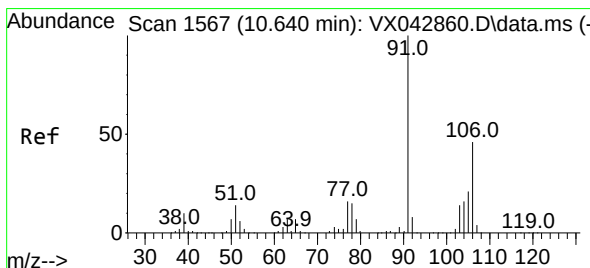
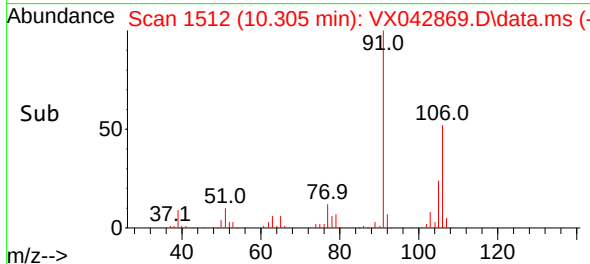
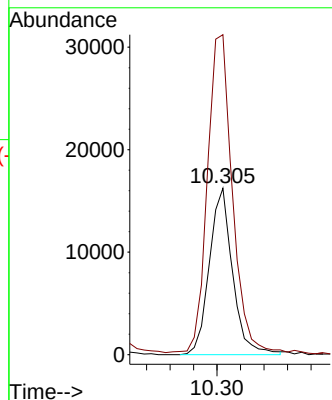
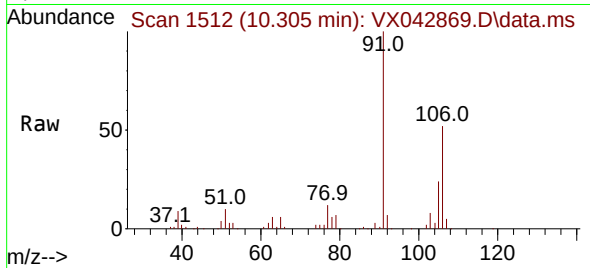
#67
m/p-Xylenes
Concen: 4.888 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:106 Resp: 22328
Ion Ratio Lower Upper
106 100
91 208.3 165.3 247.9

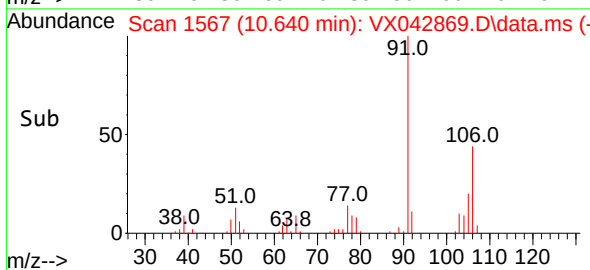
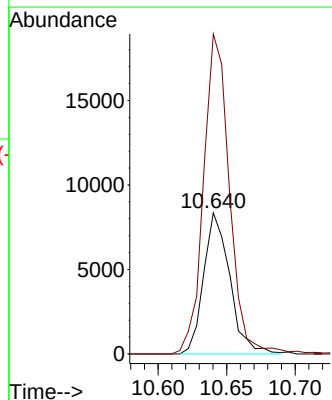
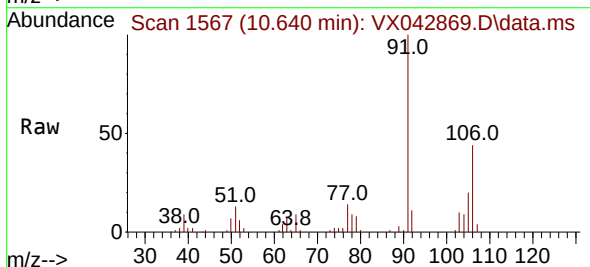
Manual Integrations
APPROVED

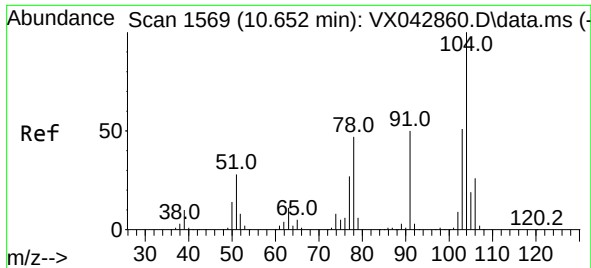
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#68
o-Xylene
Concen: 2.464 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

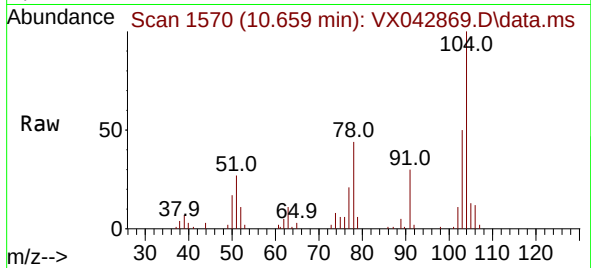
Tgt Ion:106 Resp: 11094
Ion Ratio Lower Upper
106 100
91 225.3 107.5 322.4





#69
Styrene
Concen: 2.137 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

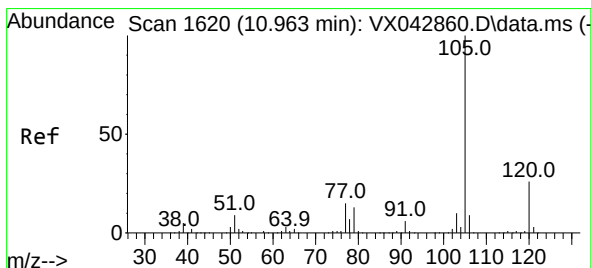
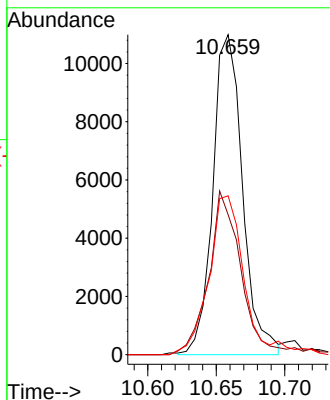
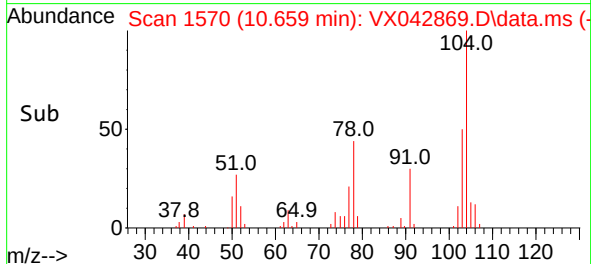
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



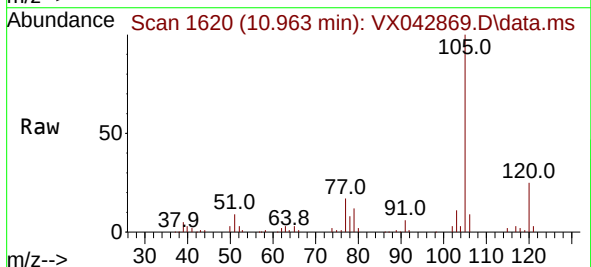
Tgt Ion:104 Resp: 16568
Ion Ratio Lower Upper
104 100
78 54.8 41.1 61.7
103 56.3 44.2 66.2

Manual Integrations
APPROVED

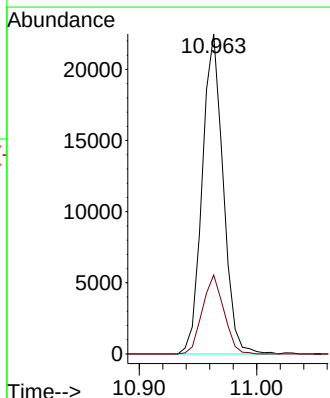
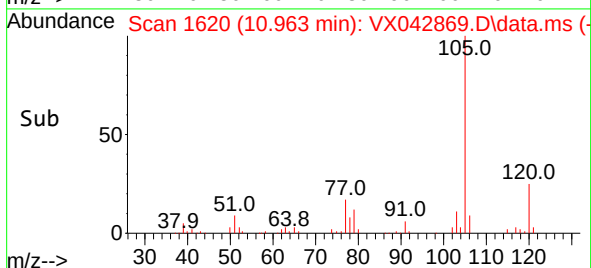
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

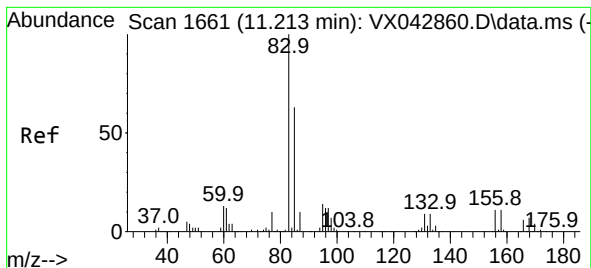


#70
Isopropylbenzene
Concen: 2.349 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22



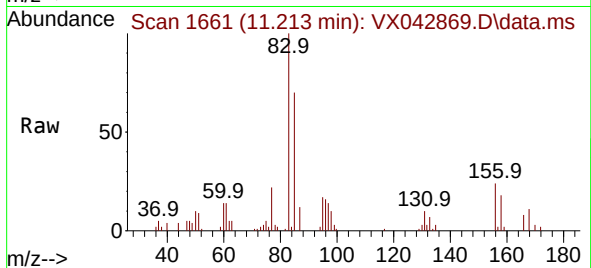
Tgt Ion:105 Resp: 27834
Ion Ratio Lower Upper
105 100
120 25.3 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 2.521 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

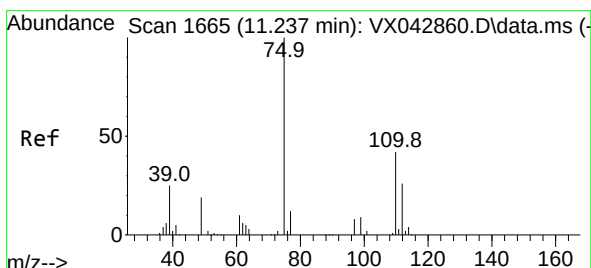
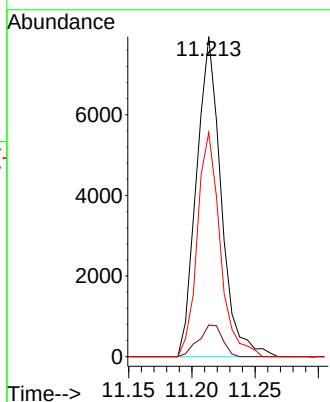
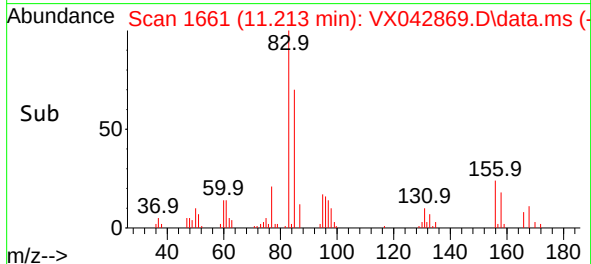
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 83 Resp: 10775
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.7 32.0 96.2

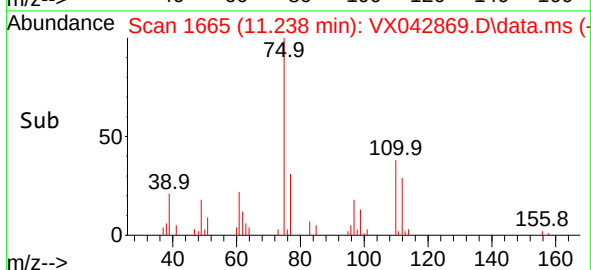
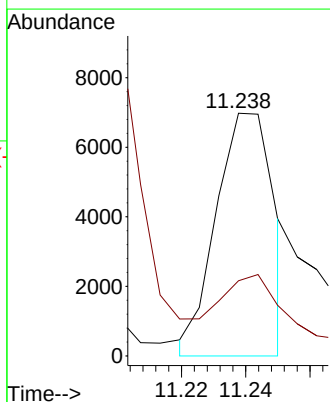
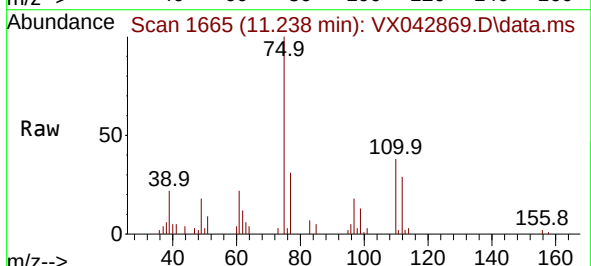
Manual Integrations
APPROVED

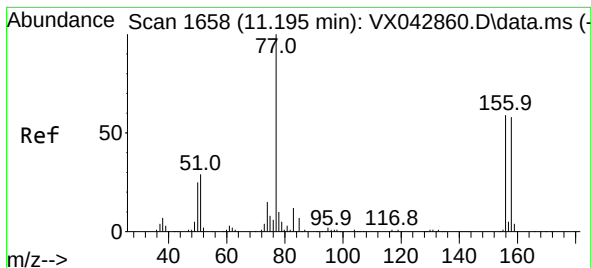
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#72
1,2,3-Trichloropropane
Concen: 2.502 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 75 Resp: 8735
Ion Ratio Lower Upper
75 100
77 46.7 0.0 89.6





#73

Bromobenzene

Concen: 2.543 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

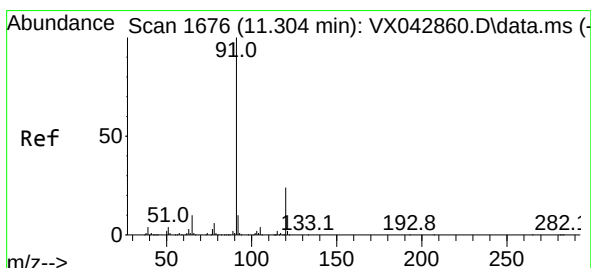
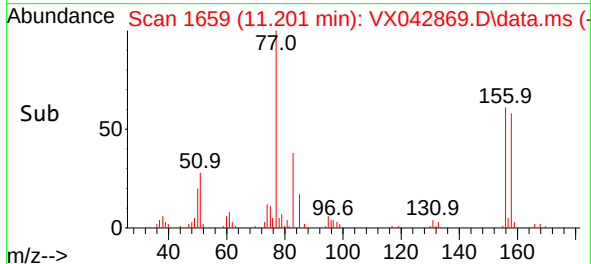
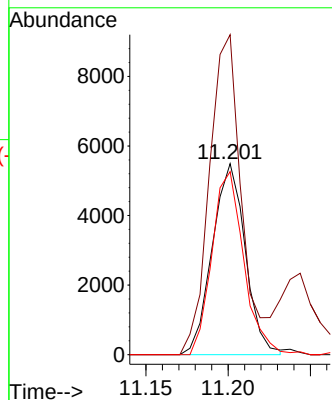
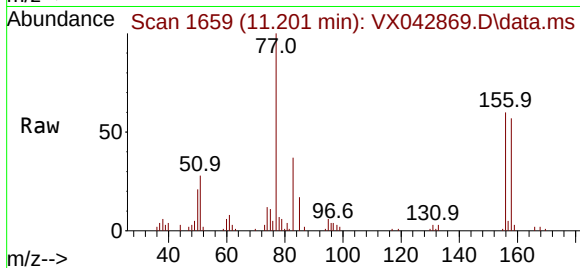
Tgt Ion:	156	Resp:	7658
Ion Ratio	Lower	Upper	
156	100		
77	159.5	0.0	317.2
158	92.6	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#74

n-propylbenzene

Concen: 2.295 ug/l

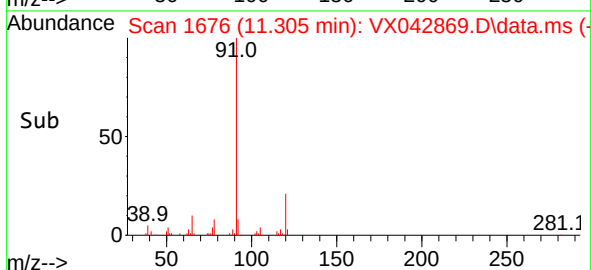
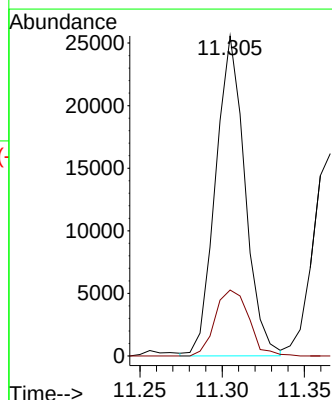
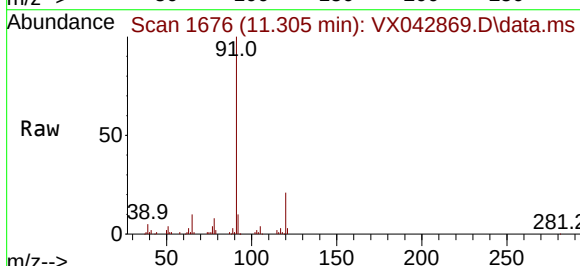
RT: 11.305 min Scan# 1676

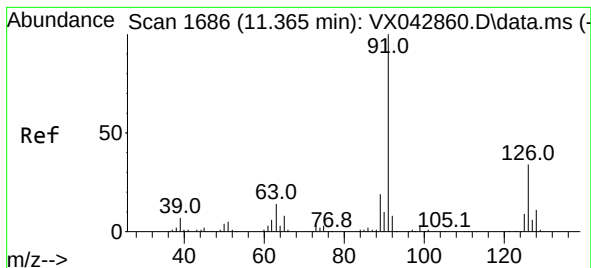
Delta R.T. 0.000 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Tgt Ion:	91	Resp:	31813
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	45.8





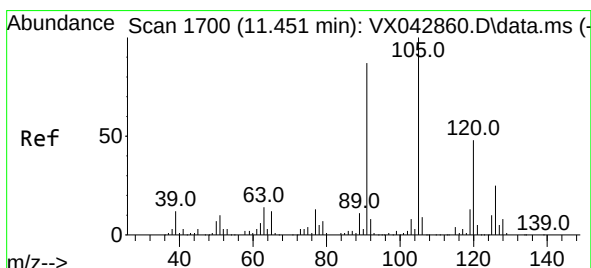
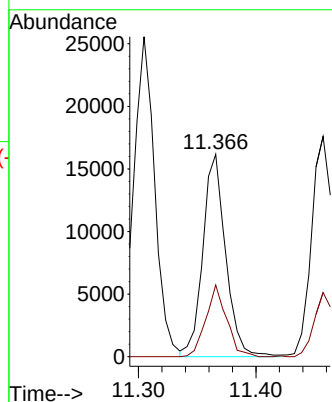
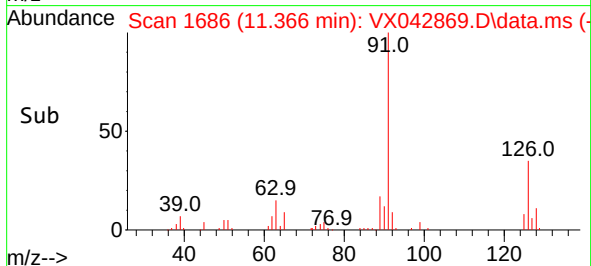
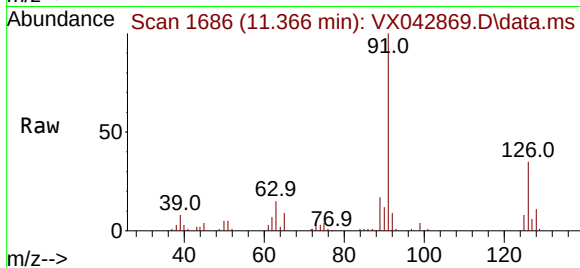
#75
2-Chlorotoluene
Concen: 2.581 ug/l
RT: 11.366 min Scan# 1136
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 91 Resp: 21834
Ion Ratio Lower Upper
91 100
126 32.1 0.0 66.2

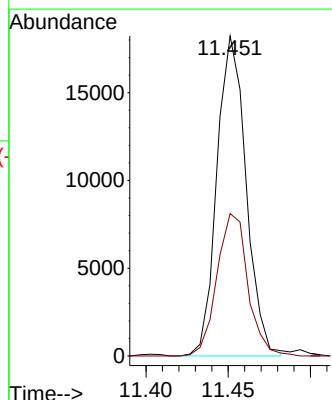
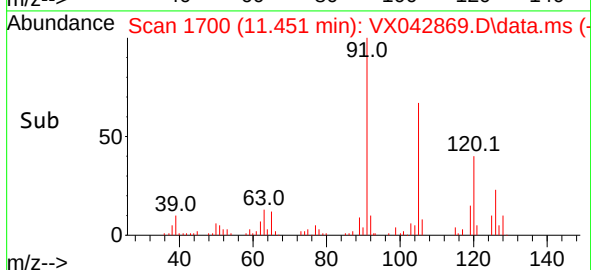
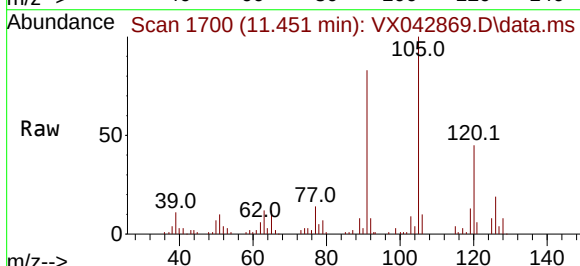
Manual Integrations
APPROVED

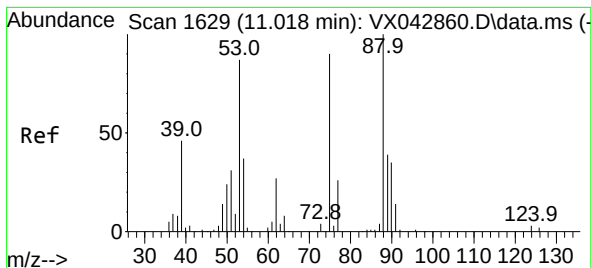
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#76
1,3,5-Trimethylbenzene
Concen: 2.237 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

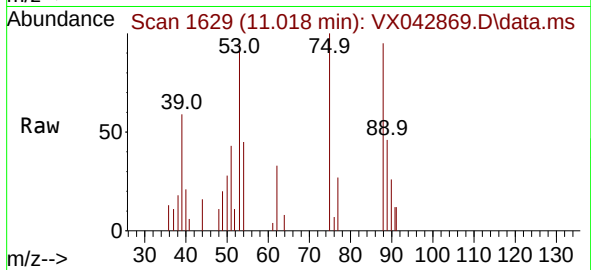
Tgt Ion:105 Resp: 22468
Ion Ratio Lower Upper
105 100
120 47.2 0.0 94.8





#77
t-1,4-Dichloro-2-butene
Concen: 1.906 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

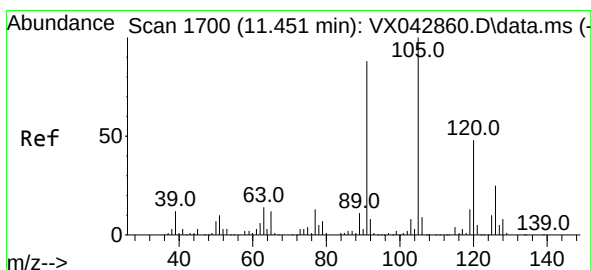
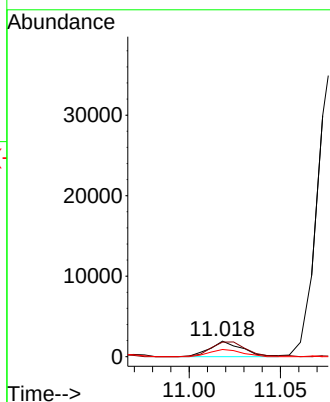
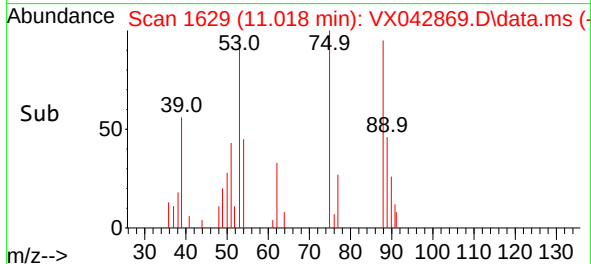
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 75 Resp: 2360
Ion Ratio Lower Upper
75 100
53 94.3 48.5 145.5
89 46.4 21.9 65.5

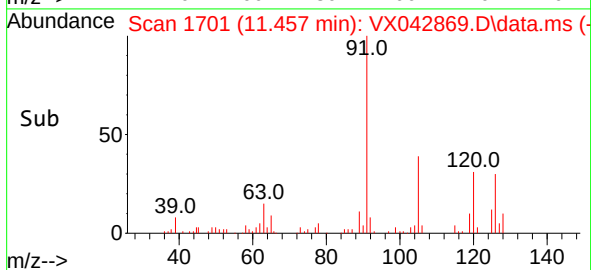
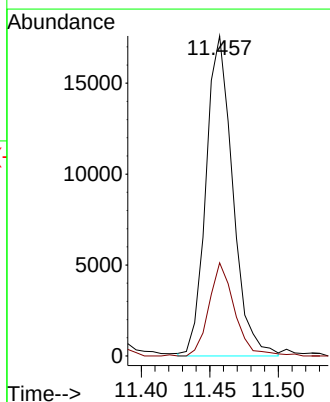
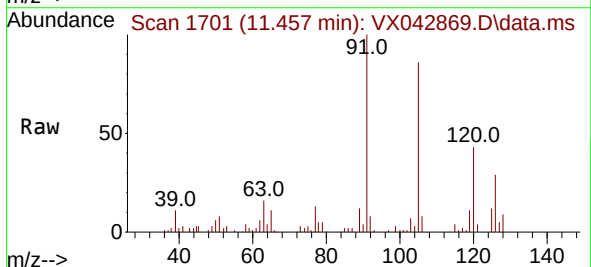
Manual Integrations
APPROVED

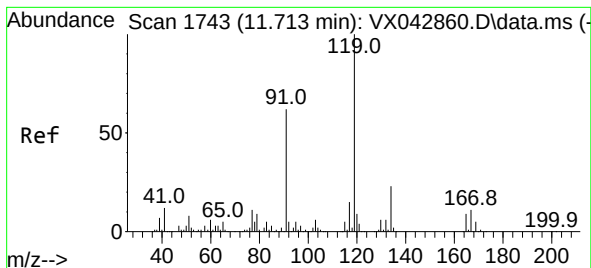
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#78
4-Chlorotoluene
Concen: 2.464 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Tgt Ion: 91 Resp: 23910
Ion Ratio Lower Upper
91 100
126 27.1 0.0 59.4





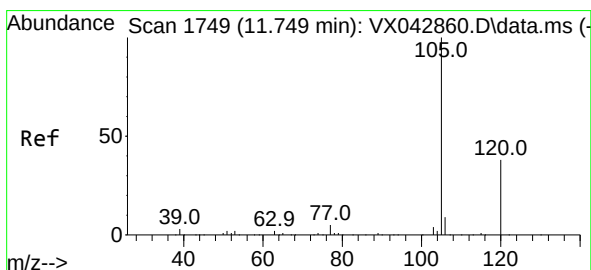
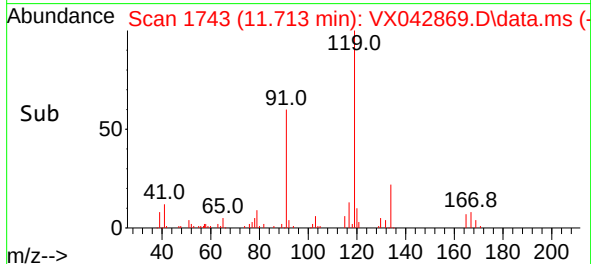
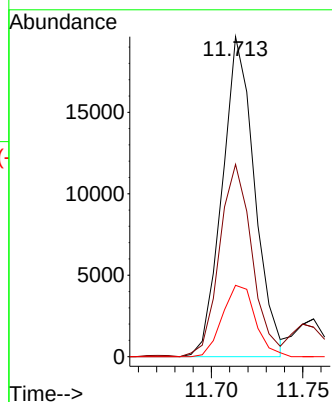
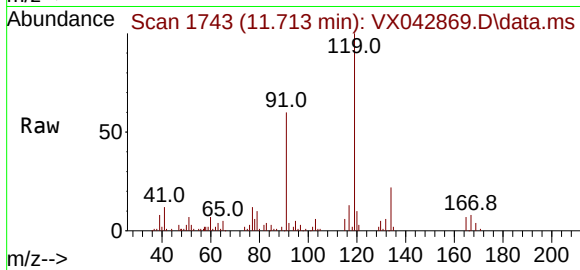
#79
tert-butylbenzene
Concen: 2.351 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.5	0.0	118.6
134	22.7	0.0	44.4

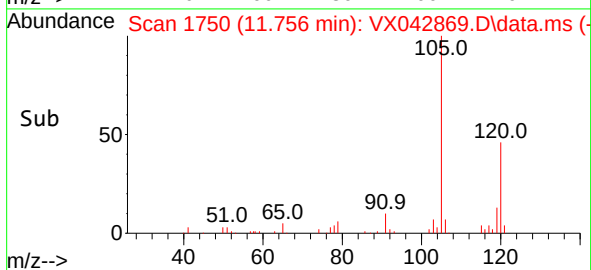
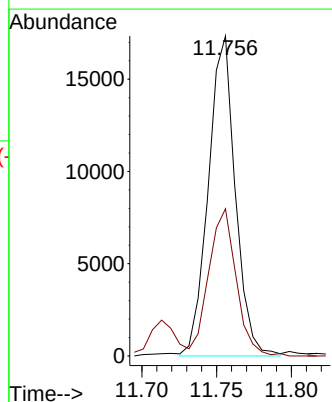
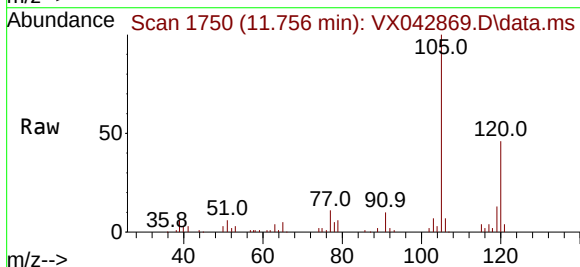
Manual Integrations
APPROVED

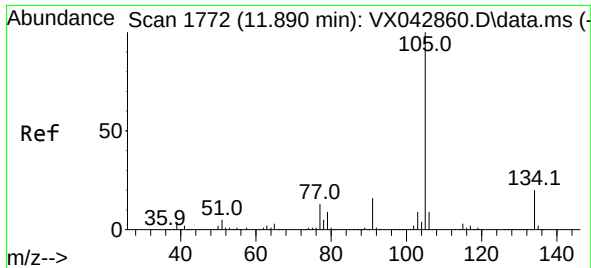
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#80
1,2,4-Trimethylbenzene
Concen: 2.196 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

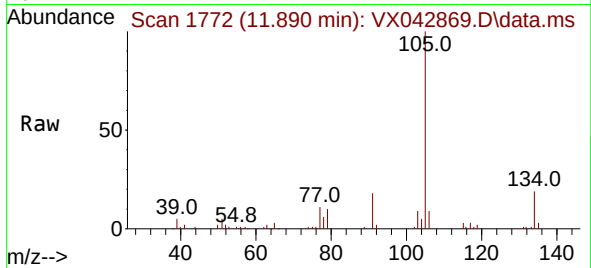
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	0.0	87.8





#81
 sec-Butylbenzene
 Concen: 2.157 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22

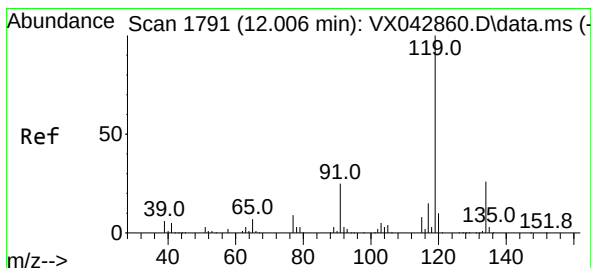
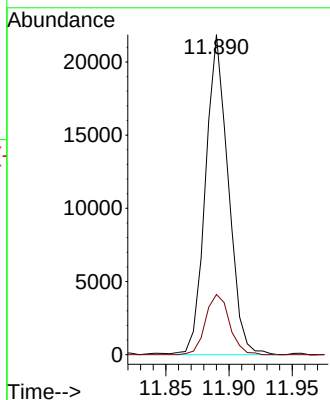
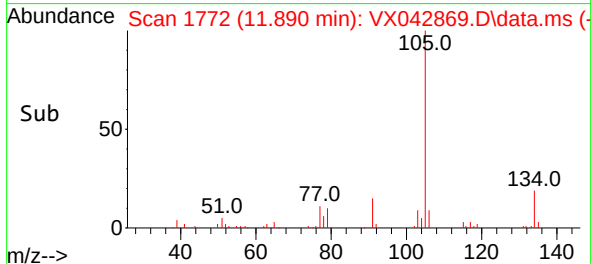
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



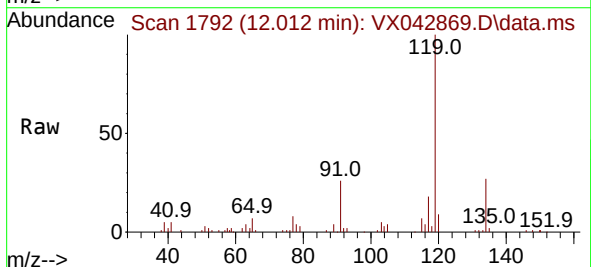
Tgt Ion:105 Resp: 2724
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 40.0

Manual Integrations
 APPROVED

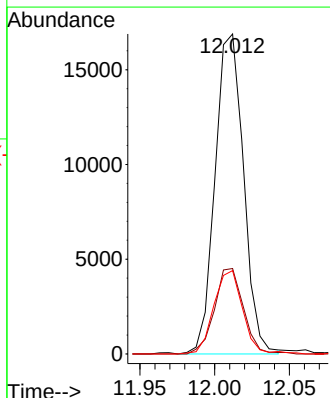
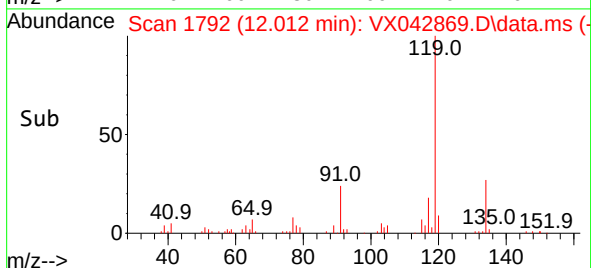
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

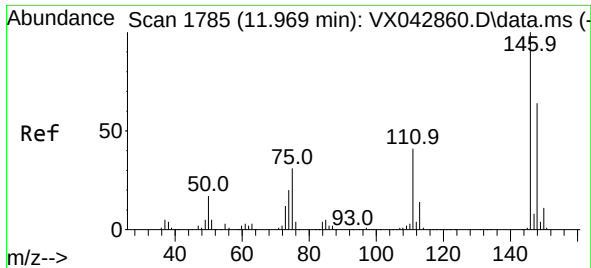


#82
 p-Isopropyltoluene
 Concen: 2.118 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042869.D
 Acq: 06 Aug 2024 14:22



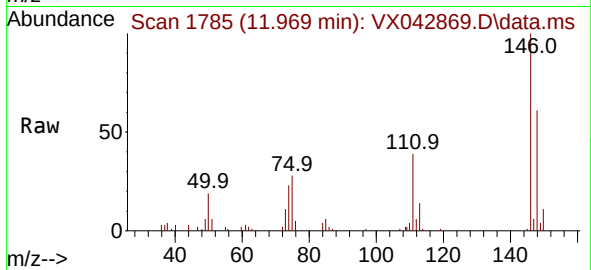
Tgt Ion:119 Resp: 22404
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.8
 91 26.0 0.0 48.4





#83
1,3-Dichlorobenzene
Concen: 2.477 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

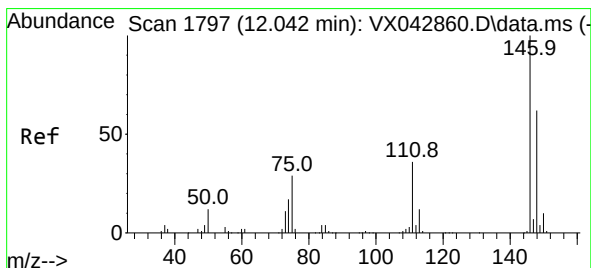
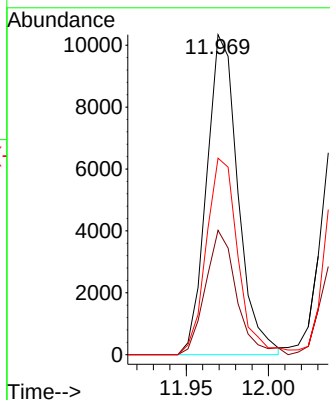
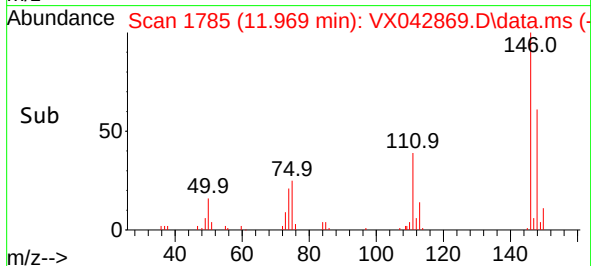
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



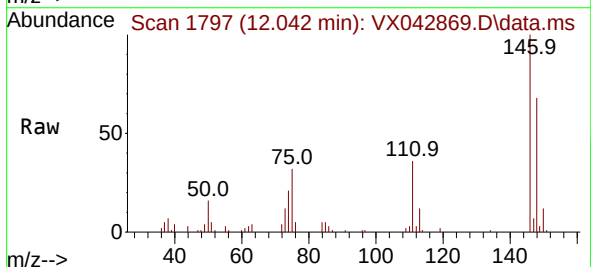
Tgt Ion:146 Resp: 13720
Ion Ratio Lower Upper
146 100
111 38.4 20.3 61.0
148 62.6 31.7 95.1

Manual Integrations
APPROVED

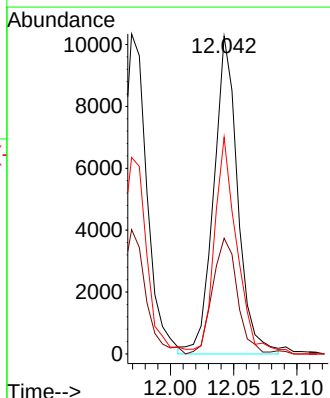
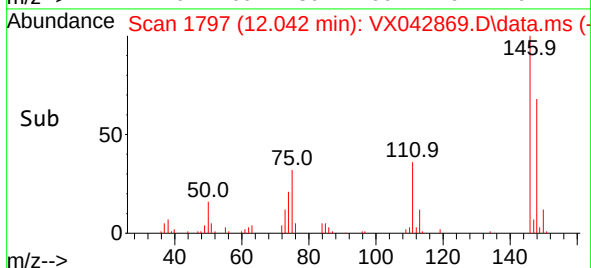
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

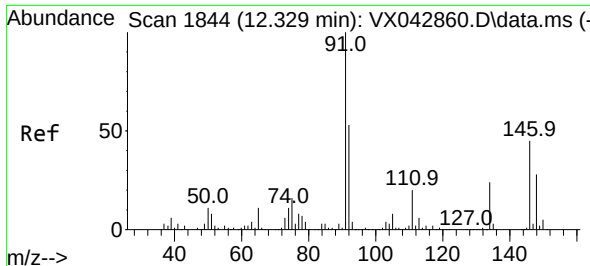


#84
1,4-Dichlorobenzene
Concen: 2.432 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22



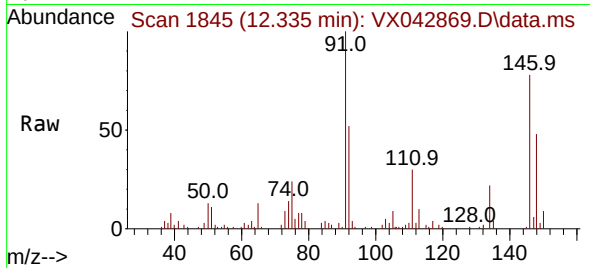
Tgt Ion:146 Resp: 13550
Ion Ratio Lower Upper
146 100
111 37.5 19.4 58.4
148 61.2 31.4 94.2





#85
n-Butylbenzene
Concen: 1.861 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

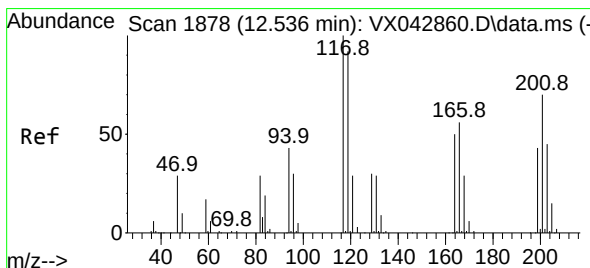
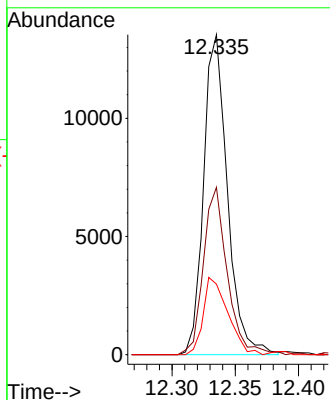
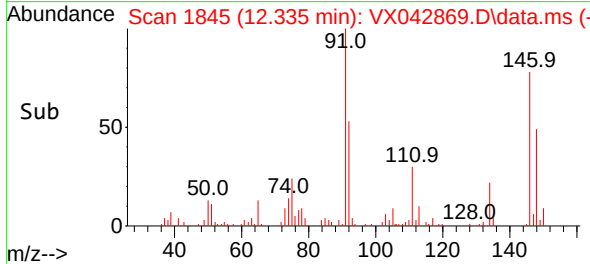
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 91 Resp: 1774
Ion Ratio Lower Upper
91 100
92 52.4 0.0 106.4
134 24.9 0.0 50.6

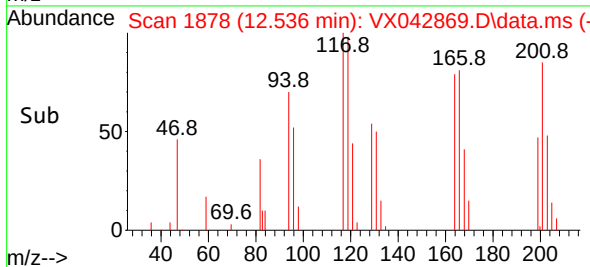
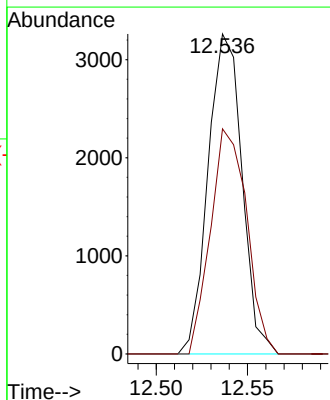
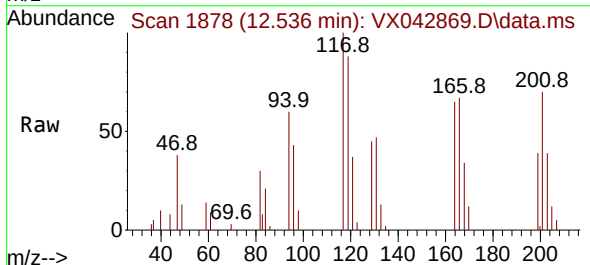
Manual Integrations
APPROVED

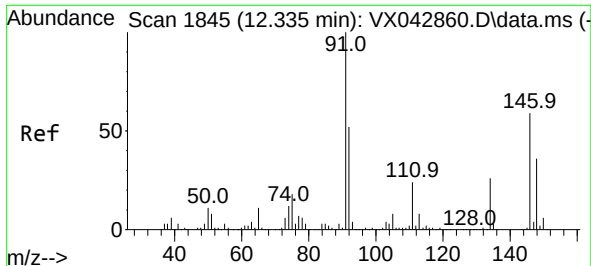
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#86
Hexachloroethane
Concen: 2.204 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

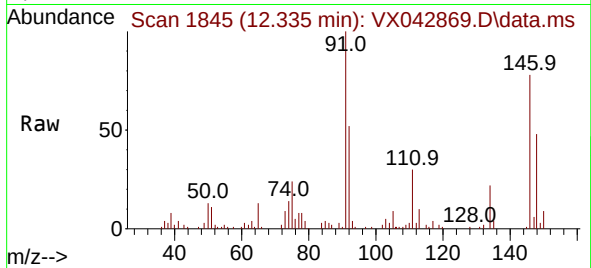
Tgt Ion:117 Resp: 4208
Ion Ratio Lower Upper
117 100
201 75.4 37.5 112.7





#87
1,2-Dichlorobenzene
Concen: 2.531 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

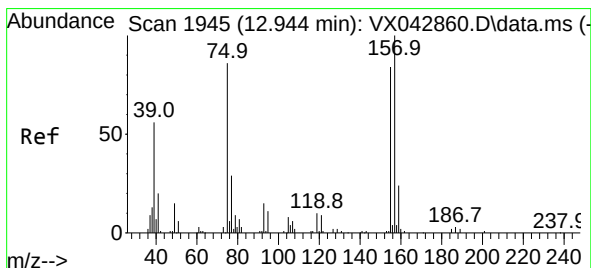
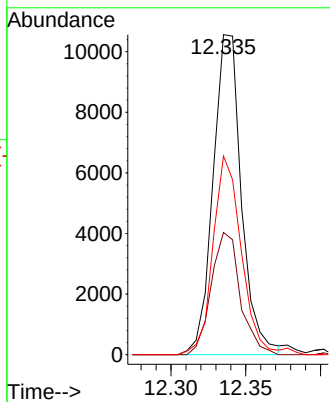
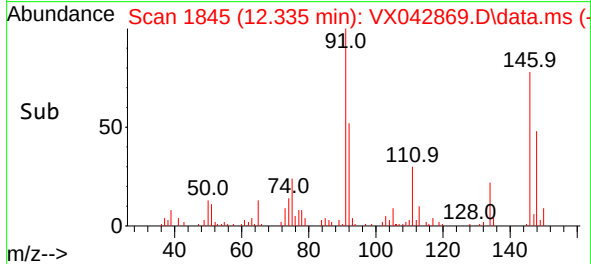
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



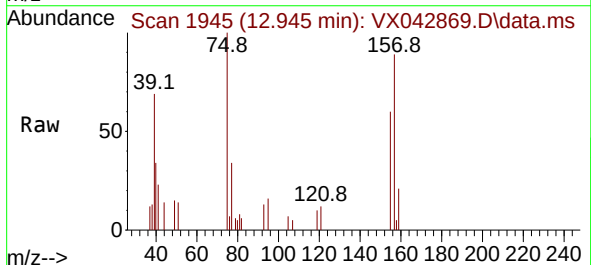
Tgt Ion:146 Resp: 13970
Ion Ratio Lower Upper
146 100
111 39.0 21.0 63.0
148 61.5 30.8 92.4

Manual Integrations
APPROVED

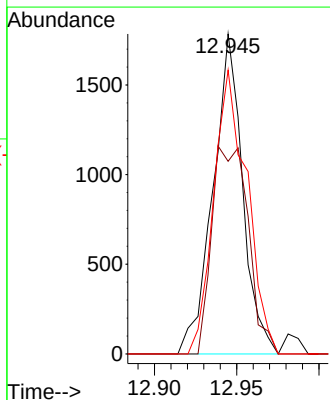
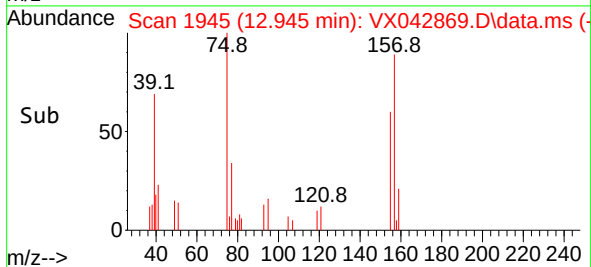
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

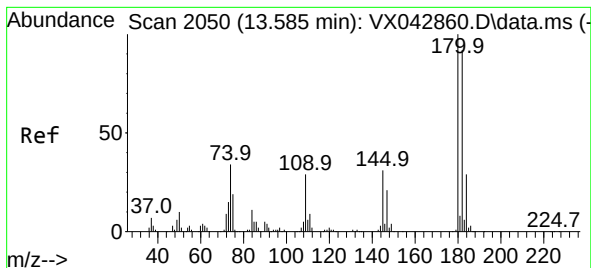


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.312 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22



Tgt Ion: 75 Resp: 2232
Ion Ratio Lower Upper
75 100
155 79.9 68.7 103.1
157 99.1 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 1.984 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

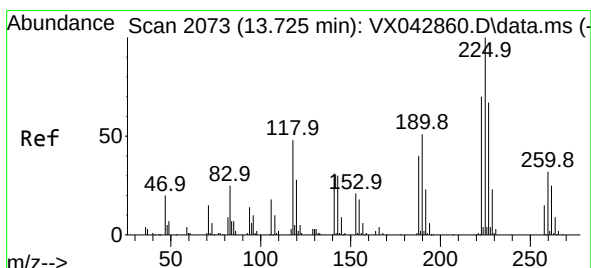
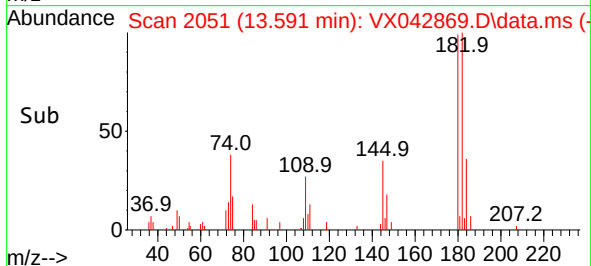
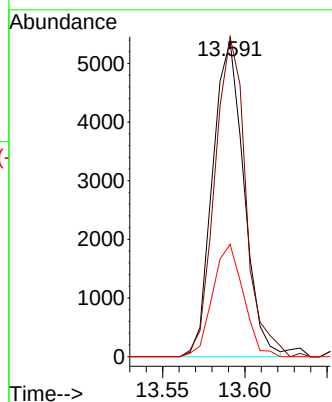
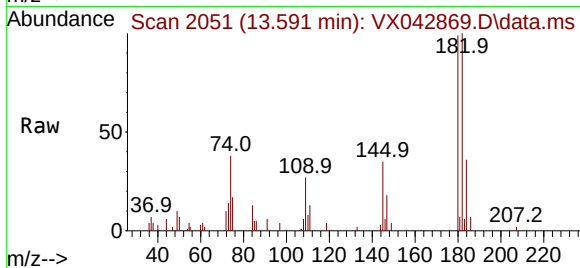
Tgt Ion:	180	Resp:	712
Ion Ratio	Lower	Upper	
180	100		
182	100.3	73.1	109.7
145	34.9	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#90

Hexachlorobutadiene

Concen: 2.312 ug/l

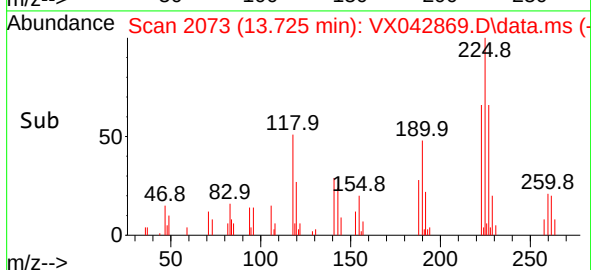
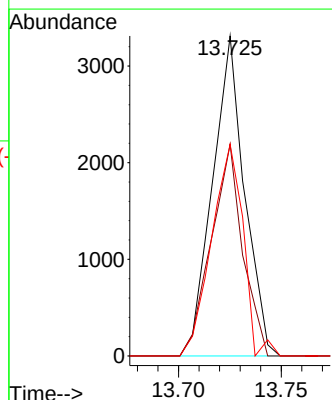
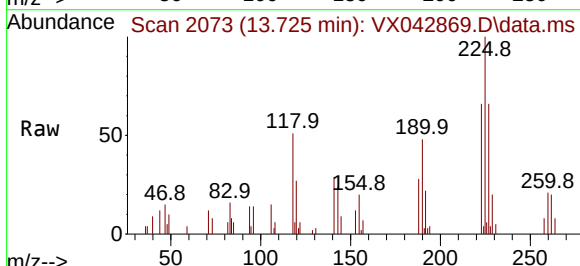
RT: 13.725 min Scan# 2073

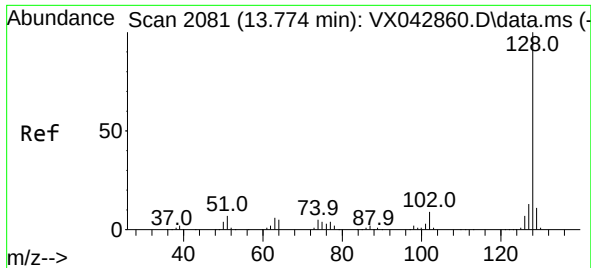
Delta R.T. 0.000 min

Lab File: VX042869.D

Acq: 06 Aug 2024 14:22

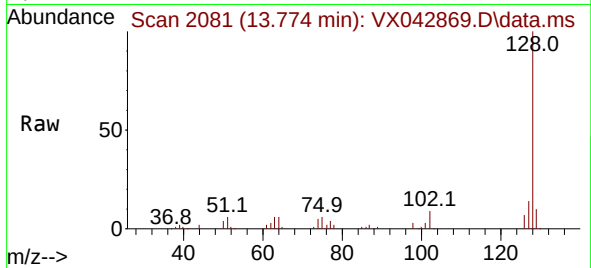
Tgt Ion:	225	Resp:	3589
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	135.0
227	63.5	0.0	130.4





#91
Naphthalene
Concen: 2.105 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22

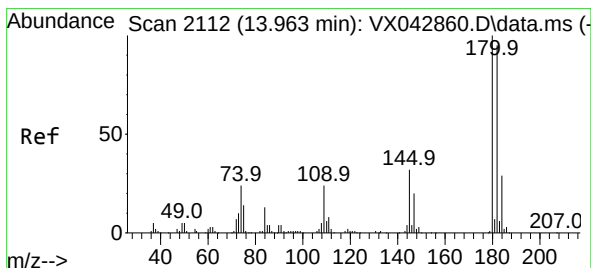
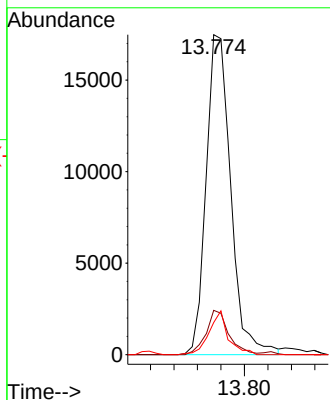
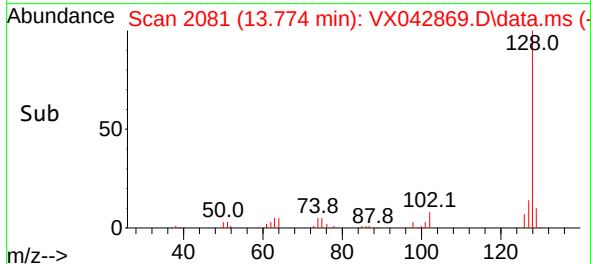
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



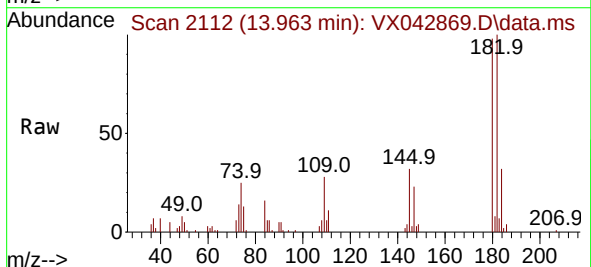
Tgt Ion:128 Resp: 2544
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#92
1,2,3-Trichlorobenzene
Concen: 2.130 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042869.D
Acq: 06 Aug 2024 14:22



Tgt Ion:180 Resp: 7725
Ion Ratio Lower Upper
180 100
182 96.3 0.0 185.8
145 31.3 0.0 65.2

